

Sisyphus Protein Card

Experiment tag: **Adipocytes**

Project list

Exp list

Exp card

Protein list

Protein card

Email observation

BACK

QUIT

[Protein # 0 / 343]

QuickFind:

Find

All

[343 proteins found]

This protein was identified in **3** Exps

identified protein(s) **P34810** select

UP_name SWISS-PROT:CD68_HUMAN Macrosialin OS=Homo sapiens GN=CD68 PE=1 SV=2

ID link **P34810** UP_1 UP_2 UP_3 UP_4 UP_5 UP_6 Evidence at protein level

UP_annotation(s) **Macrosialin**

UP_description **Macrosialin (Gp110) (CD antigen CD68)**
CD68_HUMAN

UP_keywords **Alternative splicing; Cell membrane; Complete proteome; Disulfide bond; Endosome; Glycoprotein; Lysosome; Membrane; Polymorphism; Repeat; Signal; Transmembrane**

UP_subcell Isoform Short: Cell membrane; Single-pass type I membrane protein. ; Isoform Long: Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane

UP_function Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of

UP_features Alternative sequence (2); Chain (1); Compositional bias (1); Disulfide bond (2); Glycosylation (9); Natural variant (4); Region (2); Repeat (2); Sequence conflict (1); Signal peptide (1); Topological domain (2); Transmembrane (1)

UP_tissue 0

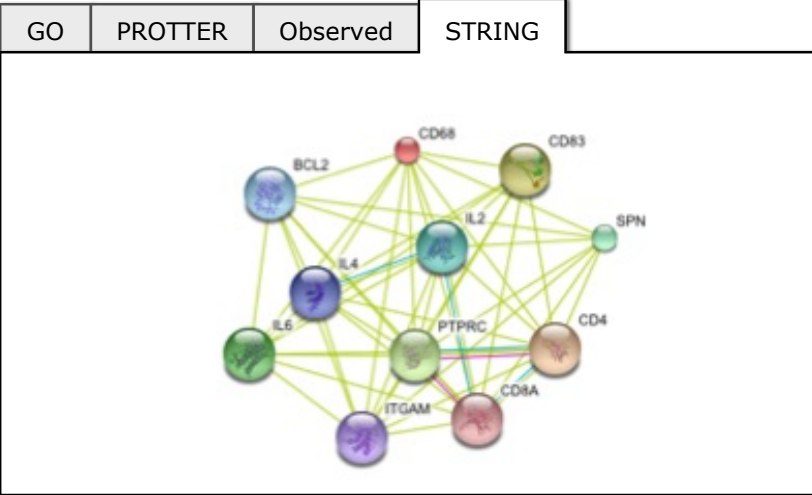
ENTREZgene **968** CD68 HGNC_ID 1693 UP_spliceforms P34810-2 CD **CD68**

user notes

URL's

Exp

DB



sequence label peptide label AA N

MRLAVLFSGALLGLLAAQGTGNDCPHKKSATLLPSFTVTP
TVTESTGTTSHRTTKSHKTTTTHRTTTTGTTS HGPTTATHN

354 AA 37408 Da chromosome 17

1 PHOBIUS TM

SignalIP

GlycoProt

GPI

NXST

	open pep	instances	observed	MS identified peptide sequences									
				label AA:	N	C	M						
entry no.	298												
protein prob.	.9907												
tot # peps	1												
# unique peps	1												
	1			ETIGDYTWT	N[115]	GSQPC	[160]	VHLQ					

5.4 percent coverage

adj. ratio mean

adj. ratio stdev

ratio num peps

Sisyphus Experiment Info



Project
list

Exp
list

Exp
card

Protein
list

Protein
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BACK



QUIT



[Experiment 12 of 78]

QuickFind

Find

All

[78 experiment(s) found]

Email experiment

Experiment info

Experiment ID: 13

SubProject: CSPA spectrast human *

Experiment Title: HEK *

Experiment Tag: HEK *

Investigator: Ralph *

Investigator Email: schiess@imsb.biol.ethz.ch *

Organism:

Human *

Sample Source:

cell line *

Sample Info 1:

*

Sample Info 2:

*

Description: origin: adenovirus transfected, fetus / description: embryonic kidney

Date Created: 6/14/2010

Date Modified: 12/5/2013 4:38:17 PM

Experiment Type: CSC ▼

Instrument: LTQ-FT ▼

Gradient Program: ▼

Column Length: ▼

raw data file id:

Experiment Path: http://regis-web.systemsbiology. ▼

ProteinProphet URL: *

sequest params link: http://regis-web.systemsbiology.

database searched: bw_UP_sp_human_v57.15_pDCR.fasta ▼ *

Notes: 2 samples / 5 total runs

Statistics:

proteins were identified with a Protein Prophet Protein probability of ≥ 0.9
581 proteins were identified with a Protein Prophet Protein probability of ≥ 0.5
proteins were identified with a Protein Prophet Protein probability of ≥ 0.0

Filemanager:

File

Info

interact-

Export File

