

Recombinant Full Length Human VPS52 Protein, GST-tagged

Cat. No. VPS52-6848HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human VPS52 protein (1a.a.-723a.a.), fused to GST-tag at N-terminus, was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	723 amino acids
Description	This gene encodes a protein that is similar to the yeast suppressor of actin mutations 2 gene. The yeast protein forms a subunit of the tetrameric Golgi-associated retrograde protein complex that is involved in vesicle trafficking from from both early and late endosomes, back to the trans-Golgi network. This gene is located on chromosome 6 in a head-to-head orientation with the gene encoding ribosomal protein S18.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	108.6 kDa
AA Sequence	MAAAATMAAAARELVLRAGTSDMEEEEGPLAGGPGLQEPLQLGELDITSDEFILDEV DVHIQANLEDELVKEALKTGVDLRHYSKQVELELQQIEQKSIRDYIQESENIALHNQI TACDAVLERMEQMLGAFQSDLSSISSEIRTLQEQQSGAMNIRLRNRQAVRGKLGELV DGLVVPALVTAILEAPVTEPRFLEQLQELDAKAAAVREQEARGTAACADVRGVLDL LRVKAVTKIREFILQKIYSFRKPMTNYQIPQTALLKYRFFYQFLLGNERATAKEIRDEY

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VETLSKIYLSYYRSYLGRMLKVQYEEVAEKDDLGMGVEDTAKKGFFSKPSLRSRNTIF
TLGTRGSVISPTLEAPILVPHTAQERGEQRYPFALFRSQHYALLDNSCREYLFICEF
FVVSGPAAHDLFHAVMGRTLSTLKHLDSTADCYDAIAVFLCIHIVLFRFNIAAKRD
VPALDRYWEQVLALLWPRFELILEMNVQSVRSTDPQRLGGLDTRPHYITRRYAEFSS
ALVSINQTIPTNERTMQLLGQLQVEVENFVLRVAAEFSSRKEQLVFLINNYDMMLGVL
MERAADDSKEVESFQQLLNARTQEFIEELLSPFPGGLVAFVKEAEALIERGQAERLR
GEEARVTQLIRGFGSSWKSSVESLSQDVMRSFTNFRNGTSIIQGALTQLIQLYHRFH
RVLSQPQLRALPARAELINIHLMVELKKHKPNF

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION**Gene Name**

VPS52 VPS52 subunit of GARP complex [Homo sapiens (human)]

Official Symbol

VPS52

Synonyms

ARE1; SAC2; SACM2L; dJ1033B10.5

Gene ID

6293

mRNA Refseq

NM_022553.6

Protein Refseq

NP_072047.4

MIM

603443

UniProt ID

Q8N1B4

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