

## Recombinant Human VPS52 protein, GST-tagged

**Cat. No.** VPS52-3685H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VPS52 protein (1a.a.-723a.a.), fused to GST-tag at N-terminus, was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	723
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	108.6 kDa
<b>AA Sequence</b>	MAAAATMAAAARELVLRAGTSDMEEEEGPLAGGPGLQEPLQLGELDITSDEFILDEV DVHIQANLEDELVKEALKTGVDLRHYSKQVELELQQIEQKSIRDYIQESENIALHNQI TACDAVLERMEQMLGAFQSDLSSISSEIRTLQEQSGAMNIRLRNRQAVRGKLGELV DGLVVPSALVTAILEAPVTEPRFLEQLQELDAKAAAVREQEARGTAACADVRGVLDR LRVKAVTKIREFILQKIYSFRKPMNTNYQIPQTALLKYRFFYQFLLGNERATAKEIRDEY

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VETLSKIYLSYYRSYLGRLMKVQYEEVAEKDDLGMVEDTAKKGGFFSKPSLRSRNTIF  
 TLGTRGSVISPTLEAPILVPHTAQRGEQRYPFALFRSQHYALLDNSCREYLFICEF  
 FVVSGPAAHDLFHAVMGRTLSTLKHLDSTADCYDAIAVFLCIHIVLFRFNIAAKRD  
 VPALDRYWEQVLALLWPRFELILEMNVQSVRSTDPQRLGGLDTRPHYITRRYAEFSS  
 ALVSINQTIPTNERTMQLLGQLQVEVENFVLRVAAEFSSRKEQLVFLINNYDMMLGVL  
 MERAADDSKEVESFQQLLNARTQEFIEELLSPFGLVAFVKEAEALIERGQAERLR  
 GEEARVTQLIRGFGSSWKSSVESLSQDVMRSFTNFRNGTSIIQGALTQLIQLYHRFH  
 RVLSQPQLRALPARAELINIHHLMVVELKKHKPNF

**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

**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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