

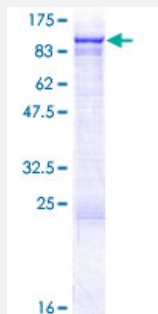
Full-Length

VPS53 (Human) Recombinant Protein (P01)

Catalog # H00055275-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human VPS53 full-length ORF (NP_060759.2, 1 a.a. - 670 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMEEEELEFVEELEAVLQLTPEVQLAIEQVFPSQDPLDRADFAVEYINTLFPTEQSLANIDEVVN
KIRLKIRRLDDNIRTVVRGQTNVGQDGRQVKEITRDIKQLDHAKRHLLTTSITLNLHMLAGGVDSLE
AMTRRRQYGEVANLLQGV MNVLEHFHKYMGIPQIRQLSERVKAAQTEL GQQILADFEEAFPSQGT
KRPGGPSNVLRDACL VANILDPRIKQEIIKKFIKQHLSEYLVLFQENQDVAWLDKIDRRYAWIKRQLV
DYEEKYGRMFPREWCMAERIAVEFCHVTRAE LAKIMRTRAKEIEVKLLLFAIQRRTNFEGFLAKRF
SGCTLDGTLKKLESPPPSTNPFLEDEPTPEMEELATEKGDLDQPKPKAPDNPFHGIVSKCFE
PHLYVYIESQDKNLGELIDRFVADFKAQGPPKPNTDEGGAVLPSCADLFVYYKKCMVQCSQLSTG
EPMIALTTIFQKYLREYAWKILSGNLPKTTTSSGGLTISSLLKEKEGSEVAKFTLEELCLICNILSTA EY
CLATTQQL EEK LKEKVDVSLIERINLTGEMDTFSTVISSSIQLLVQDLDAACDPALTAMSKMQWQN
VEHVG DQSPYVTSVILHIKQNVPIIRDNLASTRKYFTQFCVKFANSFIPKFITHLFKCKPISMVGAEQV
RWT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

102.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — VPS53

Entrez GeneID	55275
GeneBank Accession#	NM_018289.2
Protein Accession#	NP_060759.2
Gene Name	VPS53
Gene Alias	FLJ10979, HCCS1, MGC39512, hVps53L, pp13624
Gene Description	vacuolar protein sorting 53 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi. [provided by RefSeq]
Other Designations	vacuolar protein sorting 53

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)

- [HIV Infections](#)