

Recombinant Human VPS25 Protein, GST-tagged

Cat. No. VPS25-4361H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Human MGC10540 full-length ORF (AAH06282, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | Wheat Germ |
| Description | VPS25, VPS36 (MIM 610903), and SNF8 (MIM 610904) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. VPS25, VPS36, and SNF8 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).[supplied by OMIM |
| Molecular Mass | 45.1 kDa |
| AA Sequence | MAMSFEPWQYRFPPFFTLQPNVDTRQKQLAAWCSLVLSFCRLHKQSSMTVMEA QESPLFNNVKLQRKLPVESIQIVLEELRKKGNLEWLDKSKSSFLIMWRRPEEWGKLIY QWVSRSGQNNVFTLYELTNGEDTEDEEFHGLDEATLLRALQALQQEHKAEIITVSD GRGVKFF |
| Applications | Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array |

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| Notes | Best use within three months from the date of receipt of this protein. |
| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION | |
| Gene Name | VPS25 vacuolar protein sorting 25 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>] |
| Official Symbol | VPS25 |
| Synonyms | VPS25; vacuolar protein sorting 25 homolog (<i>S. cerevisiae</i>); vacuolar protein sorting 25 (yeast); vacuolar protein-sorting-associated protein 25; DERP9; EAP20; MGC10540; ESCRT-II complex subunit VPS25; ELL-associated protein of 20 kDa; dermal papilla-derived protein 9; FAP20; |
| Gene ID | 84313 |
| mRNA Refseq | NM_032353 |
| Protein Refseq | NP_115729 |
| MIM | 610907 |
| UniProt ID | Q9BRG1 |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue |

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