

Product datasheet for TP301460

VPS29 (NM_057180) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human vacuolar protein sorting 29 homolog (<i>S. cerevisiae</i>) (VPS29), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201460 protein sequence Red=Cloning site Green=Tags(s) |
| | MAGHRLVVLVGLDLHIPHCNSLPKFKKLLVPGKIQHILCTGNLCTKESYDYLKTLAGDVHIVRGDFDEN LNYPEQKVVTVGQFKIGLIHGQVIPWGDMSLALLQRQFDVDILISGHTHKFEAFEHENKFYINPGSAT GAYNALETNIIPSVLMDIQASTVVYVYQLIGDDVKVERIEYKKP |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 20.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_476528 |
| Locus ID: | 51699 |
| UniProt ID: | Q9UBQ0 , A0A384MR19 |



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RefSeq Size: 1153

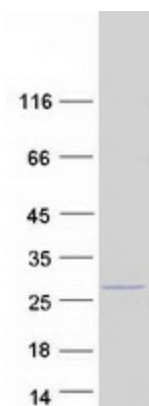
Cytogenetics: 12q24.11

RefSeq ORF: 558

Synonyms: DC7; DC15; PEP11

Summary: This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene. [provided by RefSeq, Aug 2013]

Product images:



Coomassie blue staining of purified VPS29 protein (Cat# TP301460). The protein was produced from HEK293T cells transfected with VPS29 cDNA clone (Cat# [RC201460]) using MegaTran 2.0 (Cat# [TT210002]).