

Product datasheet for **TP504124**

Dscr3 (NM_007834) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse VPS26 endosomal protein sorting factor C (Vps26c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204124 protein sequence Red =Cloning site Green =Tags(s)
	MGTTLDIKIKRANKVYHAGEMLSGVVVISSKDSVQHQQVSLTMEGTVNLQLSAKSVGVFEAFYNSVKPIQ IINSTIDVLKPGKIPSGKTEVPFEFLLVKGSKVLYETYHGVFVNIQYTLRCDMRRSLLAKDLTKTCEFI VHSAPQKGKLTSPVDFTITPETLQNVKERASLPKFFIRGHLNSTNCAITQPLTGELVVEHSDAAIRSIE LQLVRVETCGCAEGYARDATEIQNIQIADGDICRNLSVPLYMVFPRLFTCPTLETTNFKVEFEVNVVVLL HADHLITENFPLKLCRT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33 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
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 after receiving vials.
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_031860

Locus ID: 13185

UniProt ID: O35075

RefSeq Size: 2419

Cytogenetics: 16 C4

RefSeq ORF: 891

Synonyms: AW538125; Dcra

Summary: Acts as component of the retriever complex. The retriever complex is a heterotrimeric complex related to retromer cargo-selective complex (CSC) and essential for retromer-independent retrieval and recycling of numerous cargos such as integrin alpha-5/beta-1 (ITGA5:ITGB1). The recruitment of the retriever complex to the endosomal membrane involves CCC and WASH complexes. In the endosomes, drives the retriever and recycling of NxxY-motif-containing cargo proteins by coupling to SNX17, a cargo essential for the homeostatic maintenance of numerous cell surface proteins associated with processes that include cell migration, cell adhesion, nutrient supply and cell signaling.[UniProtKB/Swiss-Prot Function]