

Product datasheet for **TP761403**

C19orf50 (KXD1) (NM_024069) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chromosome 19 open reading frame 50 (C19orf50), transcript variant 2, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length C19orf50
Tag:	N-GST and C-His
Predicted MW:	47.5 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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.
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_076974
Locus ID:	79036
UniProt ID:	Q9BQD3 , A0A024R7M2
RefSeq Size:	1461
Cytogenetics:	19p13.11
RefSeq ORF:	528
Synonyms:	BORCS4; C10orf50; C19orf50; KXDL; MST096; MSTP096



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Summary:

As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor (PubMed:25898167). May be involved in the biogenesis of lysosome-related organelles such as melanosomes (By similarity).[UniProtKB/Swiss-Prot Function]

Product images: