

Product datasheet for **AR51093PU-S**

C19orf50 (1-176, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	C19orf50 (1-176, His-tag) human protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMDLPDSA SRVFCGRILS MVNTDDVNAI ILAQKNMLDR FEKTNEMLLN FNNLSSARLQ QMSERFLHHT RTLVEMKRDL DSIFRRIRTL KGKLARQHPE AFSHIPEASF LEEEDDPIP PSTTTTIATS EQSTGSCDTS PDTVSPSLSP GFEDLSHVQP GSPAINGRSQ TDDEEMTGE
Tag:	His-tag
Predicted MW:	22.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001165419
Locus ID:	79036
UniProt ID:	Q9BQD3 , A0A024R7M2
Cytogenetics:	19p13.11
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: