

## Recombinant Human KXD1, His-tagged

Cat. No. KXD1-15913H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human KXD1 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-176 aa
<b>Description</b>	KXD1 belongs to the KXD1 family and is involved in endosomal cargo sorting. This protein associates with the BLOC-1 complex and Interacts with BLOC1S1. It also Interacts with DTNBP1/BLOC1S7(via coiled-coil domain).
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	22.1 kDa (199aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSM DLPDSA SRVFCGRILS MVNTDDVNAI ILAQKNMLDR FEKTNEMLLN FNNLSSARLQ QMSERFLHHT RTLVEMKRDL DSIFRRIRTL KGKLARQHPE AFSHIPEASF LEEDEDEDPIP PSTTTTIATS EQSTGSCDTS PDTVSPSLSP GFEDLSHVQP GSPAINGRSQ TDDEEMTGE
<b>Purity</b>	>85% by SDS - PAGE

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	KXD1; KxDL motif containing 1; KXDL; MST096; MSTP096; C19orf50; kxDL motif-containing protein 1; UPF0459 protein C19orf50
<b>Official Symbol</b>	KXD1
<b>Synonyms</b>	KXD1; KxDL motif containing 1; KXDL; MST096; MSTP096; C19orf50; kxDL motif-containing protein 1; UPF0459 protein C19orf50
<b>Gene ID</b>	<a href="#">79036</a>
<b>mRNA Refseq</b>	<a href="#">NM_024069</a>
<b>Protein Refseq</b>	<a href="#">NP_076974</a>
<b>UniProt ID</b>	<a href="#">Q9BQD3</a>
<b>Chromosome Location</b>	19p13.11
<b>Function</b>	protein binding

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