

KXD1, 1-176 aa, Human, His tag, E.coli

Cat.NO.: TP02771

3th Edition

Synonyms:KXDL motif-containing protein, C19orf50, KXDL, MST096, MSTP096

Description: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). Recombinant human KXD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:22.1 kDa (199aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSM DLPDSASRVFCGRILSMVNTDDVNAILAQKNMLDRFEKTNEMLLNFNNLS
SARLQQMSERFLHHTRTLVEMKRDLSIFRRIRTLKGKLARQHPEAFSHIPEASFLEEDEDPIPPSTTTTIIATSEQST
GSCDTSPDTVSPSLSPGFEDLSHVQPGSPAINGRSQTDDEEMTGE

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.