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## Product Data Sheet

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Product Name: KXD1 Human  
 Cat. No.: GP23784  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C19orf50; KXDL; MST096; MSTP096; KXD1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSM DLPDSA SRVFCGRILS MVNTDDVNAI ILAQKNMLDR FEKTNEMLLN FNNLSSARLQ QMSERFLHHT RTLVE MKRDL DSIFRRIRTL KGKLARQHPE AFSHIPEASF LEEED EDEPIP PSTTTTIATS EQSTGSCDTS PDTVSPSLSP GFEDLSHVQP GSPAINGRSQ TDDEEMTGE.		
Formulation	KXD1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

### Introduction

KxDL Motif Containing 1 (KXD1) is a member of the KXD1 family. KXD1 is participating in endosomal cargo sorting. KXD1 contacts with the BLOC-1 complex and Interacts with BLOC1S1. KXD1 Interacts with DTNBP1/BLOC1S7 through coiled-coil domain.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

KXD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 199 amino acids (1-176 a.a.) and having a molecular mass of 22.1kDa. KXD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA