
Product Data Sheet

Product Name: UBTD2 Human
 Cat. No.: GP24942
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin domain containing protein 2; Dendritic cell-derived ubiquitin-like protein; Ubiquitin-like protein SB72; DCUBP; MGC30022.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGGCVGA QHDSSGSLNE NSEGTGVALG RNQPLKKEKP KWKSDYPMTD GQLRSKRDEF WDTAPAFEGR KEIWDALKAA AHAFESNDHE LAQAIIDGAN ITLPHGALTE CYDELGNRYQ LPVYCLAPPI NMIEEKSDIE TLDIPEPPPN SGYECQLRLR LSTGKDLKLV VRSTDTV FHM KRRLHAAEGV EPGSQRWFFS GRPLTDKMKF EELKIPKDYV VQVIVSQPVQ NPTPVEN		
Formulation	The UBTD2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

Introduction

UBTD2 is an ubiquitin (Ub) domain-containing protein, originally recognized in dendritic cells, that takes part in ubiquitination pathway. Ubiquitin is the best understood post-translation modifier; however, there is a growing family of ubiquitin-like proteins (UBLs) who change cellular targets in a pathway. UbL proteins take part in a variation of cellular courses, like DNA repair, protein sorting, protein degradation, cell division, apoptosis and autophagy.

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

UBTD2 Human Recombinant produced in E. coli is a single polypeptide chain containing

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

Product Data Sheet

257 amino acids (1-234) and having a molecular mass of 28.6 kDa.UBTD2 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