

UBTD2 Human

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

Catalog #: PRPS-1210

For research use only.

Synonyms: Ubiquitin domain containing protein 2, Dendritic cell-derived ubiquitin-like protein, Ubiquitin-like protein SB72, DCUBP, MGC30022.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MGSMGGCVGA QHDSSGSLNE
NSEGTGVALG RNQPLKKEKP KWKSDYPMTD GQLRSKRDEF WDTAPAFEGR KEIWDALKAA
AHAFESNDHE LAQAIDGAN ITLPHGALTE CYDELGNRYQ LPVYCLAPPI NMIEEKSDIE
TLDIPEPPPN SGYECQLRLR LSTGKDLKLV VRSTDVTFHM KRRLHAAEGV EPGSQRWFFS
GRPLTDKMKF EE

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

The UBTD2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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