

JOSD1 Human

Description: JOSD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-202 a.a.) and having a molecular mass of 25.6kDa. JOSD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1258

For research use only.

Synonyms: Josephin-1, Josephin domain-containing 1, JOSD1, JSPH1, KIAA0063, dJ508l15.2.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMSCVPWK GDKAKSESLE
LPQAAPPQIY HEKQRRELCA LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSML
GNGNYDVNVI MAALQTKGYE AVVWDKRRDV GVIALTNVMG FIMNLPSSLC WGPKLPLKR
QHWICVREVG GAYYNLDSKL KMPEWIGGES ELRKFLKHHL RGKNCELLLV VPVEVEAHQS
WRTDV.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

JOSD1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 5mM DTT and 2mM EDTA.

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:

Josephin-1 (JOSD1) has minimal protease activity towards poly-ubiquitin chains (in vitro). JOSD1 functions as a deubiquitinating enzyme. Ubiquitin-binding sites in the Josephin domain are a factor in ubiquitin chain binding and cleavage.

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