
Product Data Sheet

Product Name: JOSD1 Human
 Cat. No.: GP23727
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Josephin-1; Josephin domain-containing 1; JOSD1; JSPH1; KIAA0063; dj508I15.2.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSCVPWK GDKAKSESLE LPQAAPPQIY HEKQRRELCA LHALNNVFQD SNAFTRDTLQ EIFQRLSPNT MVTPHKKSML GNGNYDVNVI MAALQTKGYE AVWWDKRRDV GVIALTNVMG FIMNLPSSLC WGPKLPLKR QHWICVREVG GAYYNLDSKL KMPEWIGGES ELRKFLKHHL RGKNCCELLLV VPVEVEAHQS WRTDV.		
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.		

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.

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

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.

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

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