9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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HERPUD1 Human

HERPUD1 Human Recombinant
RCP1009

Product Overview

Name	HERPUD1 Human
Description	
HERPUD1 Human Recombinant	
Accession (Primary)	Q15011
Synonyms	
Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein, HERPUD1, Methyl methanesulfonate (MMF)-inducible fragment protein 1, HERP, KIAA0025, MIF1, Mif1, SUP.	
Introduction	
HERPUD1 is a multi-pass membrane protein which is a part of the endoplasmic reticulum quality control system. HERPUD1 owns 1 N-terminal ubiquitin-like domain and is expressed highly in the brain. HERPUD1 is also known as ER-associated degradation (ERAD) which takes part in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The HERPUD1 solution (0.5mg/1ml) contains Phosphate buffer saline (pH 7.4) and 10% 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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MESETEP EPVTLLVKSP NQRHRDLELS GDRGWSVGHL KAHLSRVYPE RPRPEDQRLI YSGKLLLDHQ CLRDLLPKQE KRHVLHLVCN VKSPSKMPEI NAKVAESTEE PAGSNRGQYP EDSSSDGLRQ REVLRNLSSP GWENISRPEA AQQAFQGLGP GFSGYTPYGW LQLSWFQQIY ARQYYMQYLA ATAASGAFVP PPSAQEIPVV SAPAPAPIHN QFPAENQPAN QNAAPQVVVN PGANQNLRMN AQGGPIVEED	

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DEINRD.

Precautions

HERPUD1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15011)