

HERPUD1 Human Recombinant

Item Number	rAP-4228
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.
Description	HERPUD1 Human Recombinant produced in E. coli is a single polypeptide chain containing 286 amino acids (1-263) and having a molecular mass of 31.6kDa. HERPUD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15011
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMESETEP EPVTLLVKSP NQRHRDLELS GDRGWSVGHL KAHLSRVYPE RPRPEDQRLI YSGKLLLDHQ CLRDLLPKQE KRHVLHLVCN VKSPSKMPEI NAKVAES- TEE PAGSNRGQYP EDSSSDGLRQ REVLRLNLSSP GWENISRPEA AQQAFQGLGP GFSGYTPYGW LQLSWFQIY ARQYYMQYLA ATAASGAFVP PPSAQEIPVV SAPAPAPIHN QFPAENQPAN QNAAPQVVVN PGANQNLRMN AQGGPIVEED DEINRD.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The HERPUD1 solution (0.5mg/1ml) contains Phosphate buffer saline (pH 7.4) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**