

Recombinant Human HERPUD2 protein, His-tagged

Cat. No. HERPUD2-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HERPUD2 protein(NP_071768)(1-200 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-200 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MDQSGMEIPVTLLIKAPNQKYSQTISCFLNWTVGKLKTHLSNVYPSKPLTKDQRLVY SGRLLPDHLQLKDILRKQDEYHVMHLVCTSRTPSSPKSSTNRESHEALTSSSNSSS DHSGSTTPSSGQETLSLAVGSSSEGLRQRTLPAQTDQAQSHQFPYVMQGNVDN QFPGQAAPPGFVPYPAFSPQLQMLWWQQMYAH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

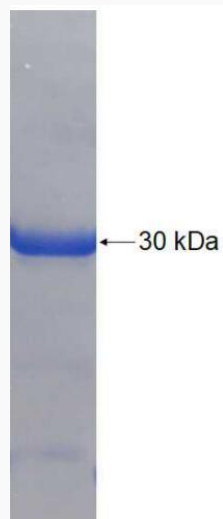
Gene Name	HERPUD2 HERPUD family member 2 [Homo sapiens]
Official Symbol	HERPUD2
Synonyms	HERPUD2; HERPUD family member 2; homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 2 protein; FLJ22313; homocysteine inducible; endoplasmic reticulum stress inducible; ubiquitin like domain member 2; homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 2; FLJ31032;
Gene ID	64224
mRNA Refseq	NM_022373
Protein Refseq	NP_071768
UniProt ID	Q9BSE4

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SDS-PAGE



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