

Recombinant Human DUSP4 protein, His-tagged

Cat. No. DUSP4-2645H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP4 protein(80-181 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	80-181 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SVSLEQILPAEEEEVRARLRSGLYSAVIVYDERSPRAESLREDSTVSLVVQALRRNAE RTDICLLKGGYERFSSEYPEFCSKTKALAAIPPPVPPSATEPLDL
Purity	95%, 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.
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

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storage.

GENE INFORMATION

Gene Name	DUSP4 dual specificity phosphatase 4 [Homo sapiens]
Official Symbol	DUSP4
Synonyms	DUSP4; dual specificity phosphatase 4; dual specificity protein phosphatase 4; HVH2; MAP kinase phosphatase 2; MKP 2; TYP; VH1 homologous phosphatase 2; dual specificity protein phosphatase hVH2; serine/threonine specific protein phosphatase; mitogen-activated protein kinase phosphatase 2; MKP2; MKP-2;
Gene ID	1846
mRNA Refseq	NM_001394
Protein Refseq	NP_001385
MIM	602747
UniProt ID	Q13115

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