

Recombinant Human DUSP5 protein, His-tagged

Cat. No. DUSP5-7853H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP5 protein(311-384 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	311-384 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	LQYESEILPSTPNPQPPSCQGEAAGSSLIHGLQTLSPDMQGAYCTFPASVLAPVPTH STVSELSRSPVATATSC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	DUSP5 dual specificity phosphatase 5 [Homo sapiens]
Official Symbol	DUSP5
Synonyms	DUSP5; dual specificity phosphatase 5; dual specificity protein phosphatase 5; HVH3; VH1-like phosphatase 3; dual specificity protein phosphatase hVH3; serine/threonine specific protein phosphatase; DUSP;
Gene ID	1847
mRNA Refseq	NM_004419
Protein Refseq	NP_004410
MIM	603069
UniProt ID	Q16690

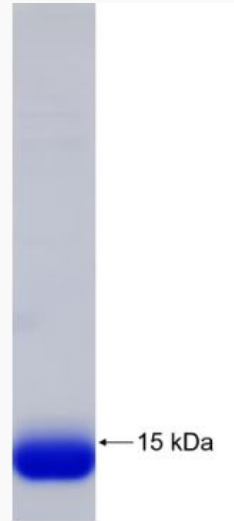
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SDS-PAGE



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