

Recombinant Human DUSP12 protein, His-tagged

Cat. No. DUSP12-5644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUSP12 protein(1-340 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-340 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. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MLEAPGPSDGCELSNPSASRVSCAGQMLEVQPGLYFGGAAVAEPDHLREAGITA VLTVDSEEPSFKAGPGVEDLWRLFVPALDKPETDLLSHLDRCVAFIGQARAEGRAVL VHCHAGVSRSSVAIITAFLMKTDQLPFEKAYEKLQILKPEAKMNEGFQWLKLYQAMG YEVDTSIAIKQYRLQKVTEKYPELQNLQPQLFAVDPTTVSQGLKDEVLYKCRKCRR SLFRSSSILDHREGSGPIAFAHKRMTPSSMLTTGRQAQCTSYFIEPVQWMESALLGV MDGQLLCPKCSAKLGSFNWYGEQCSCGRWITPAFQIHKNRVDEMKILPVLGSQTGK I
Purity	80%, 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,

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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/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 [DUSP12 dual specificity phosphatase 12 \[Homo sapiens \]](#)

Official Symbol [DUSP12](#)

Synonyms DUSP12; dual specificity phosphatase 12; dual specificity protein phosphatase 12; DUSP1; serine/threonine specific protein phosphatase; YVH1; YVH1 protein tyrosine phosphatase (S. cerevisiae) ortholog; YVH1 protein-tyrosine phosphatase ortholog; dual specificity tyrosine phosphatase YVH1;

Gene ID [11266](#)

mRNA Refseq [NM_007240](#)

Protein Refseq [NP_009171](#)

MIM [604835](#)

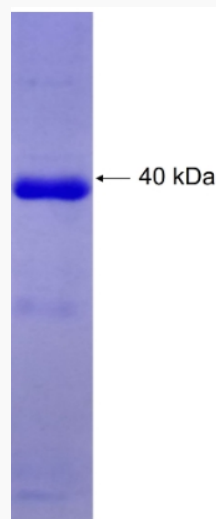
UniProt ID [Q9UNI6](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA