Recombinant Human DUSP23, His-tagged

Cat. No. DUSP23-26909TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-150 of Human DUSP23, with an N-terminal His tag, 170aa, 18.8 kDa.
Species	Human
Source	E.coli
ProteinLength	150 amino acids
Description	DUSP23, also known as low molecular mass dual specificity phosphatase 3(LDP-3), belongs to the protein-tyrosine phosphatase family.
Conjugation	HIS
Molecular Weight	18.800kDa inclusive of tags
Tissue specificity	Widely expressed. Highly expressed in spleen, prostate, colon, adrenal gland, mammary gland, thyroid and trachea. Expressed at lower level in uterus, small intestine, bladder, bone marrow, brain, spinal cord and stomach.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 0.03% DTT, 10% Glycerol, 0.58% Sodium

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	chloride
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMGVQPPNFSWVLPGRLAGLA LPRLPAHYQFLLDL GVRHLVSLTERGPPHSDSCPGLTLHR LRIPDFCPPAPDQIDRFVQIVDEANARGEAV GVHCALGFG RTGTMLACYLVKERGLAAGDAIAEIRRLRPGSIETYEQEK AVFQFYQ RTK
Sequence Similarities	Belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.Contains 1 tyrosine-protein phosphatase domain.

GENE INFORMATION

Gene Name	DUSP23 dual specificity phosphatase 23 [Homo sapiens]
Official Symbol	DUSP23
Synonyms	DUSP23; dual specificity phosphatase 23; dual specificity protein phosphatase 23; DUSP25; FLJ20442;
Gene ID	54935
mRNA Refseq	NM_017823
Protein Refseq	NP_060293
Uniprot ID	Q9BVJ7
Chromosome	1q23.1

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Location	
Function	hydrolase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase activity;

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