

## Active Recombinant Human DUSP3 protein

Cat. No. DUSP3-3217H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human DUSP3 protein(P51452)(Met 1-Pro 185)was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro ) at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-185 aa
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.
<b>Bio-activity</b>	Measured by hydrolysis of 250 μM 3-O-methyl fluorescein phosphate (OMFP). The specific activity is >1.0 μmol/min/mg.
<b>Molecular Mass</b>	The secreted recombinant human VHR consists of 187 amino acids and predicts a molecular mass of 20.6 KDa. The apparent molecular mass of the protein is approximately 21 KDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per μg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

DUSP3 dual specificity phosphatase 3 [ Homo sapiens ]

**Official Symbol**

DUSP3

**Synonyms**

DUSP3; dual specificity phosphatase 3; vaccinia virus phosphatase VH1 related, VHR; dual specificity protein phosphatase 3; vaccinia H1-related phosphatase; vaccinia virus phosphatase VH1-related; dual specificity protein phosphatase VHR; serine/threonine specific protein phosphatase; VHR;

**Gene ID**

1845

**mRNA Refseq**

NM\_004090

**Protein Refseq**

NP\_004081

**MIM**

600183

**UniProt ID**

P51452

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