

## Recombinant Human DUSP13 protein, His-SUMO-tagged

**Cat. No.** DUSP13-4541H **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DUSP13 protein(Q6B8I1)(1-198aa), fused to N-terminal His-SUMO tag, was expressed in E. coli                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-198aa                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 36.7 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MAETSLPELGGEDKATPCPSILELEELLRAGKSSCSRVDDEVWPNLFIGDAATANNRF<br>ELWKLGITHVLNAAHKGLYCQGGPDFYGSSVSYLGVPAHDLPDFDISAYFSSAADFI<br>HRAI NTPGAKVLVHCVGVRSATLVLAYLMLHQRLSLRQAVITVRQHRWVFPNRG<br>FLHQLCRLDQQLRGAGQS                              |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

**Gene Name** [DUSP13 dual specificity phosphatase 13 \[ Homo sapiens \]](#)

**Official Symbol** [DUSP13](#)

**Synonyms**

DUSP13; dual specificity phosphatase 13; dual specificity protein phosphatase 13; BEDP; DUSP13A; DUSP13B; FLJ32450; TMDP; muscle-restricted DSP; branching-enzyme interacting DSP; dual specificity phosphatase SKRP4; testis- and skeletal-muscle-specific DSP; branching-enzyme interacting dual-specificity protein phosphatase; MDSP; SKRP4;

**Gene ID** [51207](#)

**mRNA Refseq** [NM\\_001007271](#)

**Protein Refseq** [NP\\_001007272](#)

**MIM** [613191](#)

**UniProt ID** [Q6B8I1](#)

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