

## Recombinant Mouse Dpp4 protein, His-SUMO-tagged

**Cat. No.** Dpp4-2369M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Dpp4 protein(P28843)(29-760aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 29-760aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 100.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | SKDEAAADSRRTYSLADYLKSTFRVKSYSLWWWSDFEYLYKQENNILLNNAEHGNS<br>SIFLENSTFESFGYHSVSPDRLFVLLLEYNVVKQWRHSYTASYNIYDVNKRQLITEEKI<br>PNNTQWITWSPEGHKLAYVWKNDIYVKVEPHLP SHRITSTGEENVIYNGITDWVYEE<br>EVFGAYSALWWSPNNTFLAYAQFNDTGVPLIEYSFYSDESLQYPKTVWIPYPKAGA<br>VNPTVKFFIVNIDSLSSSSSAPIQIPAPASVARGDHVLCDDVWATEERISLQWLRRRIQ<br>NYSVMAICDYDKINLTWNCPSQQHVEMSTTGWVGRFRPAEPHFTSDGSSFYKIIIS<br>DKDGYKHICHFPKDKKDCFTITKGAVEVISIEALTSYLYYISNQYKEMPGGRNLYKI<br>QLT DHTNVKCLSCDLNPERCQYYAVSFSKEAKYYQLGCWGPGLPLYTLHRSTDHKE<br>LRVLEDNSALDRMLQDVQMPSKKLDFIVLNETRFWYQMILPPHFDKSKKYPLLLDVY |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

AGPCSQKADASFRLNWATYLASTENIIVASFDGRGSGYQGDKIMHAINRRLGTLEVE  
DQIEAARQFVKMGFVDSKRVAIWGWSYGGYVTSMLVLSGSGVFKCGIAVAPVSRW  
EYYDSVYTERYMGLPIPEDNLDHYRNSTVMSRAEHFKQVEYLLIHGTADDNVHFQQ  
SAQISKALVDAGVDFQAMWYTDEDHGIASSTAHHQHIYSHMSHFLQQCFSLH

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**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%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** [Dpp4 dipeptidylpeptidase 4 \[ Mus musculus \]](#)

**Official Symbol** [Dpp4](#)

**Synonyms** DPP4; dipeptidylpeptidase 4; dipeptidyl peptidase 4; DPP IV; dipeptidyl peptidase IV; thymocyte-activating molecule; T-cell activation antigen CD26; Cd26; THAM; Dpp-4;

**Gene ID** [13482](#)

**mRNA Refseq** [NM\\_001159543](#)

**Protein Refseq** [NP\\_001153015](#)

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