

Product Datasheet

Recombinant *Macaca fascicularis* Dipeptidase 3 (DPEP3) (Active) (orb1881811)

Catalog Number	orb1881811
Category	Proteins
Description	This Recombinant <i>Macaca fascicularis</i> Dipeptidase 3 (DPEP3) (Active) spans the amino acid sequence from region 36-463aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized powder
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	GETTTGAPRALSTLGFPSPFTTPGVPSTLTTPGLTTPGTTKTLDLRSRAQALMRDFPLVDGH NDLPQVLRQRYKNVLQDVNLRNFSHSQTSLDRLRDGLVGAQFWSASVSCQTQDQTAVRL ALEQIDLIRRMCASYSLELV TSAEGLNSSQKLACLIGVEGGHSLDSSLSVLR SFYVLGVRYL TLTFTCNTPWAE SSKFTTHMYTNV SGLTSFGEKVVEELNRLGMMIDLSYASDTLMRRVLE VSRAPVIFSHSAARAVCDNSLNPDDILQLLKKNGGIVMTLSMGVLQCNLLANVSTVADH FDHIRAVIGSEFIGIGNYDGAGRFPQGLEDVSTYPVLIEELLSRSWSEKELQGVLRGNLLRV FRQAEKVREESRAQSPMEAEFPYQGLSTSCHSHLVPQNGHQATHLEVTKWPTNRPWRS
Protein Length	Full Length of Mature Protein
UniProt ID	Q4R7M2
MW	48.5 kDa

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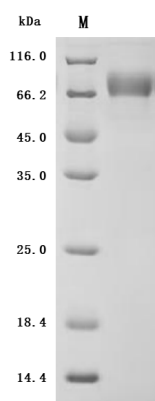
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Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (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.
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Source	Mammalian cell
Biological Origin	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis DPEP3 at 2 µg/mL can bind Anti-DPEP3 recombinant antibody. The EC50 is 7.817-8.936 ng/mL.
Expression Region	36-463aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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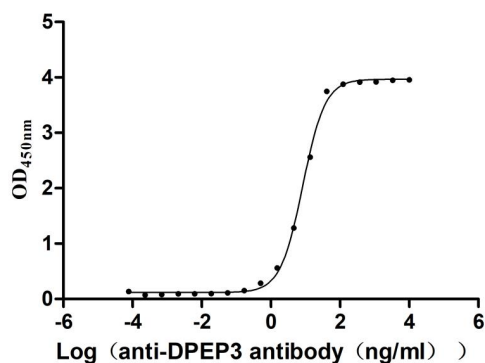
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Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* DPEP3 at 2 µg/ml can bind Anti-DPEP3 recombinant antibody. The EC₅₀ is 7.817-8.936 ng/mL.

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