Recombinant Human metallophosphoesterase domain containing 2, His-tagged

Cat. No. MPPED2-325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MPPED2, 1-294aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-294 a.a.
Description	MPPED2 likely encodes a metallophosphoesterase. The protein may play a role a brain development. Alternatively spliced transcript variants have been described. Recombinant human MPPED2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	35.7kDa (317aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAHGIPS QGKVTITVDE YSSNPTQAFT HYNINQSRFQ PPHVHMVDPI PYDTPKPAGH TRFVCISDTH SRTDGIQMPY GDILLHTGDF TELGLPSEVK KFNDWLGNLP YEYKIVIAGN HELTFDKEFM ADLVKQDYYR FPSVSKLKPE DFDNVQSLLT NSIYLQDSEV TVKGFRIYGA PWTPWFNGWG FNLPRGQSLL DKWNLIPEGI DILMTHGPPL GFRDWVPKEL QRVGCVELLN TVQRRVRPKL HVFGGIHEGY GIMTDGYTTY INASTCTVSF

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	QPTNPPIIFD LPNPQGS
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	MPPED2 metallophosphoesterase domain containing 2 [Homo sapiens]
Official Symbol	MPPED2
Synonyms	MPPED2; metallophosphoesterase domain containing 2; C11orf8, chromosome 11 open reading frame 8; metallophosphoesterase MPPED2; 239FB; D11S302E; dJ873F21.1; dJ1024C24.1; FAM1B; Hs.46638; fetal brain protein 239; metallophosphoesterase domain-containing protein 2; C11orf8;
Gene ID	744
mRNA Refseq	NM_001145399
Protein Refseq	NP_001138871
MIM	600911
UniProt ID	Q15777
Chromosome Location	11p13

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Function	hydrolase activity; metal ion binding;

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