
Product Data Sheet

Product Name: MPPED2 Human
 Cat. No.: GP23945
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Metallophosphoesterase Domain Containing 2; C11orf8; 239FB; Fetal Brain Protein 239; Chromosome 11 Open Reading Frame 8; Metallophosphoesterase MPPED2; EC 3.1.; FAM1B; D11S302E; Metallophosphoesterase Domain-Containing Protein 2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGHIPS QGKVTITVDE YSSNPTQAFT HYNINQSRFQ PPHVHMVDPIPYDTPKPAGH TRFVCISDTH SRTDGIQMPY GDILLHTGDF TELGLPSEVK KFNDWLG NLP YEYKIVIAGNHELTFDKEFM ADLVKQDYR FPSVSKLKPE DFDNVQSLLT NSIYLQDSEV TVKGFRIYGA PWPWFNGWG FNLPRGQSL DKNWLIPEGIDILMTHGPPL GFRDWVPKEL QRVGCVLLN TVQRRVRPKL HVFGGIHEGY GIMTDGYTTY INASTCTVSFQPTNPPIIFD LPNPQGS		
Formulation	MPPED2 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Metallophosphoesterase domain containing 2 (MPPED2) is a member of the UPF0046 family. MPPED2 displays low metallophosphoesterase activity, in vitro. In addition, MPPED2 encodes a metallophosphoesterase. MPPED2 may take part in the development of the nervous system, brain development. Among the diseases associated with MPPED2 are Waagros syndrome, and aniridia.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

MPPED2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (1-294 a.a) and having a molecular mass of 35.7kDa. MPPED2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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