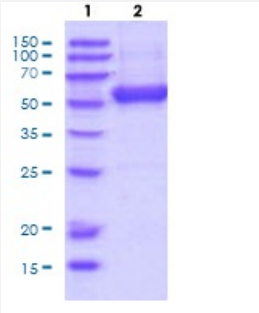
Bioactive

ENTPD3 (Human) Recombinant Protein

Catalog # P8002 Size 20 ug

Applications



Specification

Product Description	Human ENTPD3 (O75355, 44 a.a. - 485 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.
Sequence	QIHKQEVLPPGLKYGIVLDAGSSRTTVYVYQWPAEKENNTGVVSQTFKCSVKGSGISSYGNNPQD VPRAFEECMQKVKGQVPSHLHGSTPIHLGATAGMRLLRLQNETAANEVLESIQSYFKSQPFDFRG AQIISGQEEGVYGWITANYLMGNFLEKNLWHMWVHPHGVETTGALDLGGASTQISFVAGEKMDLN TSDIMQVSLYGYVYTLYTHSFQCYGRNEAEKKFLAMLLQNSPTKNHLTNPCYPRDYSISFTMGHVF DSLCTVDQRPESYNPNDVITFEGTGDPSLCKEKVASIFDFKACHDQETCSFDGVYQPKIKGPFVA FAGFYYTASALNLSGSFSLDTFNSSTWNFCSQNWSQLPLLLPKFDEVYARSYCFSANYIYHLFVN GYKFTEETWPQIHFEKEVGNSSIAWSLGYMLSLTNQIPAESPLIRLPIEPP
Host	Viruses
Theoretical MW (kDa)	50.7
Form	Liquid
Preparation Method	Baculovirus expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)

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Activity	Specific activity is > 250000 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze AT P per minute at pH 7.5 at 37°C.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — ENTPD3

Entrez GeneID	956
Protein Accession#	O75355
Gene Name	ENTPD3
Gene Alias	CD39L3, FLJ93839, HB6, NTPDase-3
Gene Description	ectonucleoside triphosphate diphosphohydrolase 3
Omim ID	603161
Gene Ontology	Hyperlink
Gene Summary	ENTPD3 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catab olism of extracellular nucleotides. ENTPD3 contains 4 apyrase-conserved regions which is chara cteristic of NTPases. [provided by RefSeq
Other Designations	CD39-like 3

Pathway

- Purine metabolism
- Pyrimidine metabolism

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