

Recombinant Human ENTPD3

Cat. No. ENTPD3-28572TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ENTPD3 with N terminal proprietary tag. Predicted MW 75.79 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	452 amino acids
Description	ENTPD3 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD3 contains 4 apyrase-conserved regions which is characteristic of NTPases.
Molecular Weight	75.790kDa inclusive of tags
Tissue specificity	Expressed in adult brain, pancreas, spleen and prostate. Moderate or low expression is seen in most tissues. Not expressed in liver and peripheral blood leukocytes.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MFTVLTRQPCEQAGLKALYRTPTVIALVLLVSIVVLVSI TVIQIHKQEVLPPLGLKYGIV
LDAGSSRTTVYVYQWPAAEKE NNTGVVSQTFKCSVKGSGISSYGNPQDVPRAFEE
CMQKV KGQVPSHLHGSTPIHLGATAGMRLRLQNETAANEVLESI QSYFKSQPFDF
RGAQIISGQEEGVYGWITANYLMGNFLEK NLWHMWVHPHGVETT GALDLGGASTQ
ISFVAGEKMDLNTS DIMQVSLYGYVYTYTHSFQCYGRNEAEKKFLAMLLQNSP TK
NHLTNPCYPRDYSISFTMGHVFDSLCTVDQRPESYNPN DVITFEGTGDPSLCKEKV
ASIFDFKACHDQETCSFDGVYQ PKIKGPFVAFAGFYTASALNLSGSFSLDTFNSST
WNFCS QNWSQLPLLLPKFDEVYARSYCFSANIYHLFVNGYKFTE ETWPQIHFEKE
E

Sequence Similarities

Belongs to the GDA1/CD39 NTPase family.

GENE INFORMATION

Gene Name	ENTPD3 ectonucleoside triphosphate diphosphohydrolase 3 [Homo sapiens]
Official Symbol	ENTPD3
Synonyms	ENTPD3; ectonucleoside triphosphate diphosphohydrolase 3; CD39L3; HB6; NTPDase 3;
Gene ID	956
mRNA Refseq	NM_001248
Protein Refseq	NP_001239
MIM	603161

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Uniprot ID	O75355
Chromosome Location	3p21.3
Pathway	Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;
Function	ATP binding; hydrolase activity; nucleotide binding;

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