

Recombinant human CD39L2/ENTPD6 protein

Catalog Number: ATGP2795

PRODUCT INFORMATION

Expression system

E.coli

Domain

61-484aa

UniProt No.

O75354

NCBI Accession No.

NP_001238

Alternative Names

Ectonucleoside triphosphate diphosphohydrolase 6, NTPDase 6, CD39 antigen-like 2, CD39L2, Interleukin 6 signal transducer-2, IL6ST2

PRODUCT SPECIFICATION

Molecular Weight

48.7 kDa (447aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

ENTPD6 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD6 contains 4 apyrase-conserved regions which is characteristic of NTPases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human ENTPD6 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

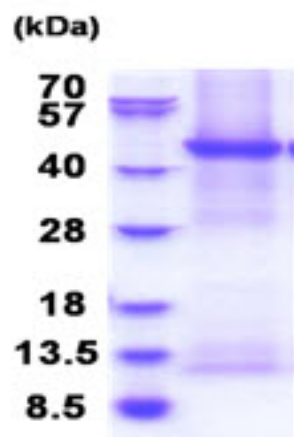
MGSSHHHHHH SSGLVPRGSH MGSKWHRATA TQAFFSITRA APGARWGQQA HSPLGTAADG HEVFGIMFD
AGSTGTRVHV FQFTRPPRET PTLTHETFKA LKPGLSAYAD DVEKSAQGIR ELLDVAQDI PFDFWKATPL VLKATAGLRL
LPGEKAQKLL QKVKEVFKAS PFLVGDDCVS IMNGTDEGVS AWITINFLTG SLKTPGGSSV GMLDLGGGST QIAFLPRVEG
TLQASPPGYL TALRMFNRTY KLYSYSYGL GLMSARLAIL GGVEGQPAKD GKELVSPCLS PSFKGEWEHA EVTYRVSGQK
AAASLHELCA ARVSEVLQNR VHRTEEVKHV DFYAFSYYD LAAGVGLIDA EKGGSLLVGD FEIAAKYVCR TLETQPQSSP
FSCMDLTYVS LLLQEFGFPR SKVLKLTRKI DNVETSWALG AIFHYIDSLN RQKSPAS

General References

Yeung G., et al (2000). Biochemistry 39:12916-12923
Chadwick B.P., et al (1998). Genomics 50:357-367

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)