

Product datasheet

Recombinant Human DPP10 protein ab192285

Description

Product name	Recombinant Human DPP10 protein
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	Q8N608
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>LTPDELTNSSETRLSLEDLFRKDFVLHDPEARWINDTD VYKSENGHVIK LNIETNATLLLENTTFVTFKASRHSVSPDLKYVLLAYD VKQIFHYSYTA SYVYNIHTREVVWELNPPEVEDSVLQYAAWGVQGGQLI YIFENNIYQPD IKSSSLRLTSSGKEEIIFNGIADWLYEEELLHSHIAHWWS PDGERLAFLM INDSLVPTMVIPRFTGALYPKGKQYPYPKAGQMNPITKL YVNLGYPTHT LELMPPDSFKSREYYITMVKWSNTKTVVRWLNRAQNI SILTVCETTTGA CSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVK QGGRGEFHAIAMFL IQKSEQITVRHLTSGNWEVIKILAYDETTQKMYFLSTESS PRGRQLYSA STEGLLNRQCISCNFMKEQCTYFDASFSPMNQHFLLF CEGPRVPVSLHS TDNPAKYFILESNSMLKEAILKKKIGKPEIKILHIDDYELP LQLSLPKDF MDRNQYALLIMDEEPPGGQLVTDKFDWDSVLIDMDN VIVARFDGRGSG FQGLKILQEIHRRLGSVEVKDQITAVKFLKLPYIDSKRL SIFGKGYGGY IASMILKSDEKLFKCGSVVAPITDLKLYASAFSERYLGM</p>

PSKEESTYQAA
SVLHNVHGLKEENILIIHGTADTKVHFQHS AELIKHLIKA
GVNYTMQVYP
DEGHNVSEKSKYHLYSTILKFFSDCLKEEISVLPQEPE
EDEVDDHHHHHH

Predicted molecular weight	86 kDa including tags
Amino acids	56 to 796
Tags	His tag C-Terminus
Additional sequence information	Extracellular domain.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab192285** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer Lyophilized from a 0.2 µM filtered solution.
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General Info

Function	Has no dipeptidyl aminopeptidase activity. May modulate cell surface expression and activity of the potassium channels KCND1 and KCND2.
Tissue specificity	Found in serum, T-cells and brain (at protein level). Expressed in brain, pancreas, spinal cord and adrenal glands.
Involvement in disease	Genetic variations in DPP10 are associated with susceptibility to asthma (ASTHMA) [MIM:600807]. The most common chronic disease affecting children and young adults. It is a complex genetic disorder with a heterogeneous phenotype, largely attributed to the interactions among many genes and between these genes and the environment. It is characterized by recurrent attacks of paroxysmal dyspnea, with weezing due to spasmodic contraction of the bronchi.
Sequence similarities	Belongs to the peptidase S9B family. DPPIV subfamily.
Post-translational modifications	N-glycosylated.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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