

Recombinant Full Length Human DPP10 Protein, GST-tagged

Cat. No. DPP10-4115HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DPP10 full-length ORF (AAH30832.1, 1 a.a. - 796 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	796 amino acids
Description	<p>This gene encodes a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	117.3 kDa
AA Sequence	<p>MNQTASVSHHIKCQPSKTIKELGNSNPPQRNWKGIAIALLVILVVCSLITMSVILLTPDE LTNSSETRLSLEDLFRKDFVLHDPEARWINDTDVVYKSENGHVIKLNIETNATLLLEN TTFVTFKASRHSVSPDLKYVLLAYDVKQIFHYSYTASYVIYNIHTREVVWELNPPEVED SVLQYAAWGVQGGQLIYIFENNIYYQPDIKSSSLRLTSSGKEEIIFNGIADWLYEEELL HSHIAHWWSPDGERLAFMLINDSLVPTMVIPRFTGALYPKGKQYPYPKAGQMNPTIK</p>

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LYVVNLYGPTHHTLELMPPDSFKSREYYITMVKWVSNTKTVVRWLNRAQNI SILTVCE
 TTTGACSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVKQGGGRGEFHFIAMFLI
 QSKSEQITVRHLTSGNWEVIKILAYDETTQKIYFLSTESSPRGRQLYSASTEGLLNQR
 CISCNFMKEQCTYFDASFSPMNQHFLLFCEGPRVPVVS LHSTDNPAKYFILESNSML
 KEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQYALLIMDEEPGGQLVTDKFH
 IDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLLGSVEVKDQITAVKFLKLPYI
 DSKRLSIFGKGYGGYIASMILKSDEKLFKCGSVVAPITDLKLYASAFSERYLGMPSKE
 ESTYQAASVLHNHVLKEENILIIHG TADTKVHFQHS AELIKHLIKAGVNYTMQVYPDE
 GHNVSEKSKYHLYSTILKFFSDCLKEEISVLPQEPEEDE

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [DPP10 dipeptidyl-peptidase 10 \(non-functional\) \[Homo sapiens \]](#)

Official Symbol [DPP10](#)

Synonyms DPP10; dipeptidyl-peptidase 10 (non-functional); dipeptidyl peptidase 10 , dipeptidylpeptidase 10; inactive dipeptidyl peptidase 10; DPRP3; DPP X; DPRP-3; dipeptidyl peptidase X; dipeptidyl peptidase 10; dipeptidyl peptidase like protein 2; dipeptidyl peptidase-like protein 2; dipeptidyl peptidase IV-related protein 3; DPL2;

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	DPPY;
Gene ID	57628
mRNA Refseq	NM_001004360
Protein Refseq	NP_001004360
MIM	608209
UniProt ID	Q8N608

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