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Datasheet for ABIN1649602

DPP7 Protein (AA 37-500) (His tag)

Overview

Quantity:	1 mg
Target:	DPP7
Protein Characteristics:	AA 37-500
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPP7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>LDPD FRENFEQYM DHFNFESFSN KTFGQRFLVS DKFWKMGEPP IFFYTGNEGD IWSLANNSGF</p> <p>IVELAAQQA LLVFAEHRYG KSLPFGVQS TQRGYTQLLT VEQALADFAV LLQALRHNLG</p> <p>VQDAPTIAFG GSYGGMLSAY MRMKYPHLVA GALAASAPVI AVAGLGNPDQ FFRDVTADFY</p> <p>GQSPKCAQAV RDAFQQIKDL FLQGAYDTIS QNFGTCQSLS SPKDLTQLFG FARNAFTVLA</p> <p>MMDYPYPTNF LGPLPANPVK VGCERLLSEG QRIMGLRALA GLVYNSSGME PCFDIYQMYQ</p> <p>SCADPTGCGT GSNARAWDYQ ACTEINLTFD SNNVTDMFPE IPFSDELRRQ YCLDTWGVWP</p> <p>RPDWLQTSFW GGDKAASNI IFSNGDLDPW AGGGIQRNLS TSIIAVTIQG GAHHLDLRAS</p> <p>NSEDPPSVVE VRKLEATLIR EWVAAARLKQ PAEAQWPGPK</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: DPP7

Alternative Name: Dipeptidyl peptidase 2 (Dpp7) ([DPP7 Products](#))

Background: Recommended name: Dipeptidyl peptidase 2.
EC= 3.4.14.2.
Alternative name(s): Dipeptidyl aminopeptidase II Dipeptidyl peptidase 7 Dipeptidyl peptidase II.
Short name= DPP II Quiescent cell proline dipeptidase

UniProt: [Q9EPB1](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.