

Recombinant Rat DPP6 protein, His-tagged

Cat. No. DPP6-1946R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat DPP6 protein (111-859 aa) is produced by Yeast expression system. This protein is fused with a His tag at the N-terminal.
Species	Rat
Source	Yeast
Protein Length	111-859 aa
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	87.6 kDa
AA Sequence	LTPAEDTSLSQKKKVTVEDLFSEDFKIHDPEAKWISDKEFIYRERKGSVILRNVETNN STVLIEGKKIESLRIRYEISPDKEYALFSYNVEPVYQHSHTGYVLSKIPHGDPQSLD PPEVSNAKLQYAGWGPKGQQLIFIFENNIYYCAHVKGQAIRVVSTGKEGVIYNGLSD WLYEEEILKSHIAHWWSPDGTRLAYATINDSRVPLMELPTYTGSVYPTVKPYHYPKA GSENPISLHVIGLNGPTHLEMMPPDDPRMREYYITMVKWATSTKVAVTWLNRAQ NVSILTCDATTGVCTKKHEDESEAWLHRQNEEPVFSKDGKRRKFFVRAIPQGGRGK FYHITVSSSQPNSSNDNIQSITSGDWDVTEILTYDEKRNKLYFLSTEDLPRRRHLYSA NTVDDFNRRQCLSCDLVENCTYVSASFHNMDFFLLKCEGPGVPTVTVHNTTDRR MFDLEANEQVQKAIYDRQMPKIEYRKIEVEDYSLPMQILKPATFTDTAHYPLLLVVDG TPGSQSVSERFEVTWETVLVSSHGAVVVKCDGRGSGFQGTKLLHEVRRRLGFLEE KDQMEAVRTMLKEQYIDKTRVAVFGKDYGGYLSTYILPAKGENQGQTFTCGSALSPI TDFKLYASAFSERYLGLHGLDNRAYEMTKLAHRVSALEDQQFLIIHATADEKIHFAQHT

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	AELITQLIKGKANYSLQIYPDESHYFHSVALKQHLYRSIIGFFVECFRIQDKLPTATAKE DEEED
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended.
Stability	Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	Dpp6 dipeptidylpeptidase 6 [Rattus norvegicus]
Official Symbol	DPP6
Synonyms	DPP6; DPPX; DPP VI;
Gene ID	29272
mRNA Refseq	NM_022850
Protein Refseq	NP_074041

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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