

Recombinant Rat Dipeptidyl aminopeptidase-like protein 6(Dpp6),partial

Catalog No: #AP70244

Package Size: #AP70244-1 20ug #AP70244-2 100ug #AP70244-3 1mg

Description

Product Name	Recombinant Rat Dipeptidyl aminopeptidase-like protein 6(Dpp6),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:111-859aaSequence Info:Extracellular Domain
Other Names	DPPXDipeptidyl aminopeptidase-related proteinDipeptidyl peptidase 6Dipeptidyl peptidase IV-like proteinDipeptidyl peptidase VI ;DPP VI
Accession No.	P46101
Calculated MW	89.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LTPAEDTSLSQKKKVTVEDLFSDFKIHDPEAKWISDKEFIYRERKGSVILRNVTNNSTVLIEGKKIESLRAIRY EISPDKEYALFSYNVEPVYQHSHTGYVLSKIPHGDPQSLDPPEVSNAKLQYAGWGPKGQQLIFENNIYYCA HVGKQAIRVVSTGKEGVIYNGLSDWLYEEEEILKSHIAHWWSPDGTRLAYATINDSRVPLMELPTYTGSVYPTVK PYHYPKAGSENPSISLHVIGLNGPTHLEMMPPDDPRMREYYITMVKWATSTKVAVTWLNRAQNVSILTLCD TTGVCTKKHEDESEAWLHRQNEEPVFSKDGRKFFVRAIPQGGRGKFYHITVSSSQPNSSNDNIQSITSGDW DVTEILTYDEKRNKLYFLSTEDLPRRRHLYSANTVDDFNRCCLSDLVENCTYVSASFHNMDFFLLKCEGPG VPTVTVHNTTDKRRMFDLEANEQVQKAIYDRQMPKIEYRKIEVEDYSLPMQILKPATFTDTAHYPLLLVVDGTP GSQSVSERFEVTVETVLVSSHGAVVVKCDGRGSGFGQTKLLHEVRRRLGFLEEKDQMEAVRTMLKEQYIDK TRVAVFGKDYGGYLSTYILPAKGENQGQTFTCGSALSPITDFKLYASAFSERYLGLHGLDNRAYEMTKLAHRV SALEDQQFLIIHATADEKIHQHTAELITQLIKGKANYSLQIYPDESHYFHSVALKQHLRYRSIIGFFVECFRIQDKL PTATAKEDEEED
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Promotes cell surface expression of the potassium channel KCND2 . Modulates the activity and gating characteristics of the potassium channel KCND2 . Has no dipeptidyl aminopeptidase activity .

References

The dipeptidyl-peptidase-like protein DPP6 determines the unitary conductance of neuronal Kv4.2 channels.Kaulin Y.A., De Santiago-Castillo J.A., Rocha C.A., Nadal M.S., Rudy B., Covarrubias M.J. Neurosci. 29:3242-3251(2009) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.