

Product datasheet for TP507616

Cndp2 (NM_023149) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CNDP dipeptidase 2 (metallopeptidase M20 family) (Cndp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207616 protein sequence Red =Cloning site Green =Tags(s)

MSALKAVFQYIDENQDRYVKKLAEWVAIQSVSAWPEKRGEIRRMMEVAAADVQRLGGSVELVDIGKQKLP
DGSEIPLPPILLGKLGSDPQKKTVCYGHLDVQPAALDGDWSEPFTLVEREGKLYGRGSTDGKGPVAGW
MNALEAYQKTGQEIPVNLRFCLGMEESGSEGLDELIFAQKDKFFKDVDYVCISDNYWLGKKNPCITYGL
RGICYFFIEVECSDKDLHSGVYGGSVHEAMTDLISLMGCLVDKKGKILIPGINDAVAPVTDEEHALYDHI
DFDMEEFKDVGAETLLHSCCKDILMHRWRYPSSLHGIEGAFSGSGAKTVIPRKVVGKFSIRLVPDMIP
EYVSEQVSSYLSKKFAELQSPNKFVYMGHGGKPWVSDFNHPHYQAGRRALKTVFGVEPDLTREGGSPV
TLTFQEATGKNVMLLPVGSADDGAHSQNEKLNRLNYIEGTKMLAAYLYEVSQKLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_075638
Locus ID:	66054



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UniProt ID:	Q9D1A2
RefSeq Size:	2137
Cytogenetics:	18 E4
RefSeq ORF:	1428
Synonyms:	0610010E05Rik; C76600; Cn2; Dip-2; Pep-1; Pep1
Summary:	Hydrolyzes a variety of dipeptides including L-carnosine but has a strong preference for Cys-Gly. Catalyzes the production of N-lactoyl-amino acids from lactate and amino acids by reverse proteolysis.[UniProtKB/Swiss-Prot Function]