

Product datasheet for TP523182

Naalad2 (NM_028279) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-acetylated alpha-linked acidic dipeptidase 2 (Naalad2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223182 representing NM_028279 Red=Cloning site Green=Tags(s)

MARPRHLRGLGMCITAVLASFIAGFTVGVFIKPLKETTTSAGYHQSIQQKLLSEMKAENIRSFLRSFTKL
PHLAGTEQNLLLAKKIQTQWKKFGLDSANLVHYDVLVLSYPNETNANYVSIVDEHGVEIFKTSYLEPPPDG
YENVNIIIPPYNAFSASGMPEGELVYVNYARTEDFFKLEREMNINCTGKIVIARYGKIFRGNKVKNAMLA
GAMGIILYSDPADYFAPDVQPYPKGWNLPGAAAQRGNVNLNAGADPLTPGYPAKEYTFRLPVEEAVGIP
NIPVHPIGYNDAERLLRNLGGAAPPDKSWKGS LNVSYNIGPGFTGSEYSRNMHVNNINKITRIYNVIG
TIRGSTEPDRYVILGGHRDSWVFGGIDPTTGTAVLQEIARSFGKLVNNGWRPRRTIIFASWDAEEFGLLG
STEWAEENAKLLQERSIAYINSDSAIEGNYTLRVDCTPLLNQLVYKVAREISSPDDGFESKSLYESWLEK
DPSPENKECPRINKLGS GSDFEAYFQRLGIASGRARYTKNKKTDKYSSYPVYHTIYETFELVQNFYDPTF
KKQLSVAQLRGALVYELADSWIPFNIQDYAKALKNYAASIFNISKKHHDQQLRNHAVSFDPLFSVKNFS
EAASDFHRRLTQVDLNNPIAVRIMNDQQMLLERAFIDPLGLPGRKFYRHIIFAPSSH NKYAGESFPGIYD
AMFDIENKADPSLAWAEVKKHISIAAFTIQAAAGTLTNVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	83.3 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.



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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_082555
Locus ID:	72560
UniProt ID:	Q9CZR2 , Q3UZV6
RefSeq Size:	2690
Cytogenetics:	9 7.02 cM
RefSeq ORF:	2220
Synonyms:	2700022G20Rik; D9ErtD285e; Folh1b; GCP3; GCPIII; NAADALASE2; NAALADASE2
Summary:	Has N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Also exhibits a dipeptidyl-peptidase IV type activity. Inactivates the peptide neurotransmitter N-acetylaspartylglutamate.[UniProtKB/Swiss-Prot Function]