

Product datasheet for TP303011L

ZDH12 (ZDHHC12) (NM_032799) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, DHHC-type containing 12 (ZDHHC12), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203011 representing NM_032799 Red=Cloning site Green=Tags(s)

MAPWALLSPGVLVRTGHTVLTWGITLVFLHDTLQWEEQGEELLPLTFLLLVLSLLYLAVSLMDPG
YVNVQPQPQEELKEEQTAMVPPAIPLRRCRYCLVLQPLRARHCRECRRCVRRYDHHCPWMENCVGERNH
LFVYVYALQLVLLWGLYLAWSGLRFFQPWGLWLRSSGLLFATFLLLSLFLVASLLLVSHLYLVASNTT
TWEFISSHRIAYLRQPSNPFDRGLTRNLAHFFCGWPSGSWETLWAEIEEEGSSPAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	30.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_116188
Locus ID:	84885
UniProt ID:	Q96GR4



[View online »](#)

RefSeq Size: 1184

Cytogenetics: 9q34.11

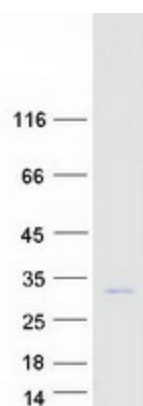
RefSeq ORF: 801

Synonyms: DHHC-12; ZNF400

Summary: Palmitoyltransferase that could catalyze the addition of palmitate onto various protein substrates. Has a palmitoyltransferase activity toward gephyrin/GPHN, regulating its clustering at synapses and its function in gamma-aminobutyric acid receptor clustering. Thereby, indirectly regulates GABAergic synaptic transmission.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ZDHHC12 protein (Cat# [TP303011]). The protein was produced from HEK293T cells transfected with ZDHHC12 cDNA clone (Cat# [RC203011]) using MegaTran 2.0 (Cat# [TT210002]).