

Product datasheet for TP303011

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), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203011 representing NM_032799
Red=Cloning site **Green**=Tags(s)

MAPWALLSPGVLVRTGHTVLTWGITLVFLHDTLQWEEQGEELLPLTFLLLVLSLLLYLAVSLMDPG
YVNVQPQPQEELKEEQTAMVPPAIPLRRCRYCLVLQPLRARHCRECRRCVRRYDHHCPWMENCVGERNH
LFVYVYALQLVLLWGLYLAWSGLRFFQPWGLWLRSSGLLFATFLLLSLFLSVASLLLVSHLYLVASNTT
TWEFISSHRIAYLRQPSNPFDRGLTRNLAHFFCGWPSGSWETLWAEIEEEGSSPAV

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

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](#)



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RefSeq Size: 1184

Cytogenetics: 9q34.11

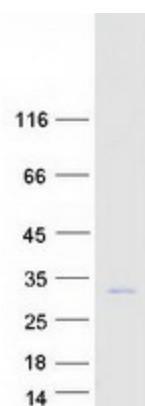
RefSeq ORF: 801

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]).