

Product datasheet for **TP304547M**

GI24 (C10orf54) (NM_022153) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human chromosome 10 open reading frame 54 (C10orf54), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC204547 protein sequence
Red=Cloning site **Green**=Tags(s)

MGVPTALEAGSWRWGSLLFALFLAASLGPVAAFVATPYSLYVCEPQNVTLTCRLLGPVDKGDVTFYK
TWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAANTSHDLAQRHGLESADHHGNFSITMRNLTLDD
SGLYCCLVEIRHHHSEHRVHGAMELQVQTGKDAPSNVWPSSSQESENITAAALATGACIVGILCLPL
ILLLVYKQRQAASNRRRAQELVRMDSNIQGIENPGFEASPPAQGIPEAKVRHPLSYVAQRQPSESGRHLLS
EPSTPLSPPGPGDVFFPSLDPVDPSPNFEVI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

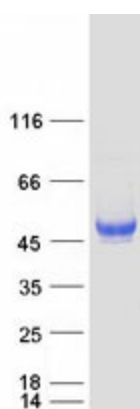
Tag: C-Myc/DDK
Predicted MW: 33.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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_071436](#)
Locus ID: 64115



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UniProt ID:	Q9H7M9
RefSeq Size:	4774
Cytogenetics:	10q22.1
RefSeq ORF:	933
Synonyms:	B7-H5; B7H5; C10orf54; DD1alpha; Dies1; GI24; PD-1H; PP2135; SISP1; VISTA
Summary:	Immunoregulatory receptor which inhibits the T-cell response (PubMed:24691993). May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling (By similarity). May stimulate MMP14-mediated MMP2 activation (PubMed:20666777).[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified VSIR protein (Cat# [TP304547]). The protein was produced from HEK293T cells transfected with VSIR cDNA clone (Cat# [RC204547]) using MegaTran 2.0 (Cat# [TT210002]).