

Product datasheet for **TP304547**

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), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204547 protein sequence
Red=Cloning site **Green**=Tags(s)

MGVPTALEAGSWRWGSLLFALFLAASLGPVAAFVATPYSLYVCEPQNVTLTCRLLGPVDKGHVDVTFYK
TWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAANTSHDLAQRHGLESASDHHGNFSITMRNLTLDD
SGLYCCLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNVWPSSSQESENITAAALATGACIVGILCLPL
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](#)

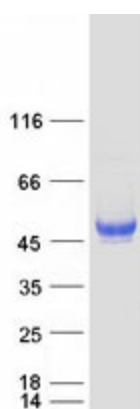
Locus ID: 64115



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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]).