

## Product datasheet for **TP304547L**

### 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), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MGVPTALEAGSWRWGSLLFALFLAASLGPVAAFVATPYSLYVCEPQNVTLTCRLLGPVDKMGHDVTFYK  
TWYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAANTSHDLAQRHGLESADHHGNFSITMRNLTLDD  
SGLYCCLVEIRHHHSEHRVHGAMELQVQTGKDAPSNVWYPPSSQSEENITAAALATGACIVGILCLPL  
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](#)

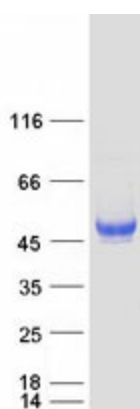
**Locus ID:** 64115



[View online »](#)

UniProt ID:	<a href="#">Q9H7M9</a>
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]).