

Platelet receptor Gi24, 33-194aa, Human, His tag, Insect cell

Cat.NO.: TP03431

3th Edition

Synonyms:C10orf54, Stress-induced secreted protein-1, Sisp-1, B7-H5, B7H5, GI24, PP2135.

Description:C10orf54, also known as Platelet receptor Gi24, is a member of the immunoglobulin superfamily. As a transmembrane molecule, this protein is expressed in bone on embryonic stem cells (ESCs), and on tumor cell surface. Thus, C10orf54 supports the differentiation of ESC and enhances BMP4 induced signaling in ESC, but is also down regulated following BMP4 exposure. Recombinant human C10orf54, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:19.1kDa (170aa) 28-40KDa (SDS-PAGE under reducing conditions.)

Sequences:

FKVATPYSLYVCPEGQNVTLTCRLLGPVDKGDVTFYKWTYRSSRGEVQTCSERRPIRNLTFQDLHLHHGGHQAA
NTSHDLAQRHGLEASDHHGNFSITMRNLTLDSGLYCCLVVEIRHHHSEHRVHGAMELQVQTGKDAPSNCVVYP
SSSQDSENITAAVEHHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.