

Product datasheet for **TP306597M**

CD42a (GP9) (NM_000174) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glycoprotein IX (platelet) (GP9), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206597 protein sequence Red =Cloning site Green =Tags(s)
	 MPAWGALFLLWATAEATKDCSPCTCRALETMGLWVDCRGHGLTALPALPARTRHLLANNSLQSVPPGA FDHLPQLQTLQNPWHDCSLTYLRLWLEDRTPEALLQVRCASPSLAAHGPLGRLTGYQLGSCGWQLQ ASWVRPGVLWDVALVTVAALGLALLAGLLCATTEALD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17.3 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_000165
Locus ID:	2815
UniProt ID:	P14770
RefSeq Size:	911



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Cytogenetics: 3q21.3

RefSeq ORF: 531

Synonyms: CD42a; GPIX

Summary: This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency. [provided by RefSeq, Oct 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ECM-receptor interaction, Hematopoietic cell lineage

Product images:



Coomassie blue staining of purified GP9 protein (Cat# [TP306597]). The protein was produced from HEK293T cells transfected with GP9 cDNA clone (Cat# [RC206597]) using MegaTran 2.0 (Cat# [TT210002]).