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Product datasheet for AR50743PU-N

CD42a / GPIX (17-147, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD42a / GPIX (17-147, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSTKDCPSP CTCRALETMG LWVDCRGHGL TALPALPART RHLLLANNSL QSVPPGAFDH LPQLQTLDVT QNPWHCDCSL TYLRLWLEDR TPEALLQVRC ASPSLAAHGP LGRLTGYQLG SCGWQLQASW VRPG
Tag:	His-tag
Predicted MW:	16.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GP9 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000165
Locus ID:	2815
UniProt ID:	P14770
Cytogenetics:	3q21.3
Synonyms:	CD42a; GPIX

View online »

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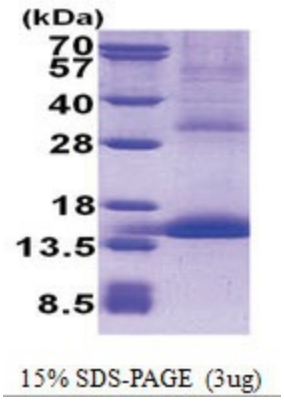
Summary: This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes 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:



15% SDS-PAGE (3ug)

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