

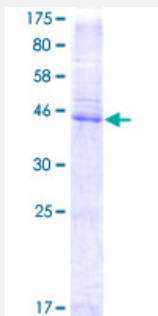
Full-Length

CD151 (Human) Recombinant Protein (P01)

Catalog # H00000977-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD151 full-length ORF (AAH01374.1, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGEFNEKKTTCGTVCLKYLLFTYNCCLWLAGLAVMAVGWTLALKSDYISLLASGYLATAYILVVA GTVVMVTGVLGCCATFKERRNLLRLYFILLIIFLLEIIAGILAYAYYQQLNTELKENLKDTMTKRYHQP GHEAVTSAVDQLQQEFHCCGSNNSQDWRDSEWIRSQEAGGRVVPDSCCKTVVALCGQRDHA SNYKVEGGCITKLETFIQEHLRVIGAVGIGIACVQVFGMIFTCCLYRSLKLEHY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.57
Interspecies Antigen Sequence	Mouse (93); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD151

Entrez GeneID [977](#)

GeneBank Accession# [BC001374](#)

Protein Accession# [AAH01374.1](#)

Gene Name CD151

Gene Alias GP27, MER2, PETA-3, RAPH, SFA1, TSPAN24

Gene Description CD151 molecule (Raph blood group)

Omim ID [179620 602243 609057](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq]

Other Designations

CD151 antigen|CD151 antigen (Raph blood group)|OTTHUMP00000164434|hemidesmosomal tetraspanin CD151|membrane glycoprotein SFA-1|platelet surface glycoprotein gp27|platelet-endothelial cell tetraspan antigen 3