Recombinant Full Length Human CD151 Protein

Cat. No. CD151-2945HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD151 full-length ORF (NP_004348.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	254 amino acids
Description	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, Jul 2008]
Form	Liquid
Molecular Mass	28.3 kDa
AA Sequence	MGEFNEKKTTCGTVCLKYLLFTYNCCFWLAGLAVMAVGIWTLALKSDYISLLASGTY

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	LATAYILVVAGTVVMVTGVLGCCATFKERRNLLRLYFILLLIIFLLEIIAGILAYAYYQQLN TELKENLKDTMTKRYHQPGHEAVTSAVDQLQQEFHCCGSNNSQDWRDSEWIRSQ EAGGRVVPDSCCKTVVALCGQRDHASNIYKVEGGCITKLETFIQEHLRVIGAVGIGIA CVQVFGMIFTCCLYRSLKLEHY
Applications	Antibody Production Functional Study Compound Screening
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	CD151 CD151 molecule (Raph blood group) [Homo sapiens]
Official Symbol	CD151
Synonyms	CD151; CD151 molecule (Raph blood group); CD151 antigen, CD151 antigen (Raph blood group); CD151 antigen; PETA 3; RAPH; SFA 1; TSPAN24; tspan-24; tetraspanin-24; membrane glycoprotein SFA-1; CD151 antigen (Raph blood group); hemidesmosomal tetraspanin CD151; platelet surface glycoprotein gp27; platelet-endothelial tetraspan antigen 3; platelet-endothelial cell tetraspan antigen 3; GP27; MER2; SFA1; PETA-3;
Gene ID	977
mRNA Refseq	NM_001039490
Protein Refseq	NP_001034579

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MIM	602243
UniProt ID	P48509

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