

# Recombinant Full Length Human CD151 Protein, GST-tagged

Cat. No. CD151-2985HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CD151 full-length ORF (AAH01374.1, 1 a.a. - 253 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	253 amino acids
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	53.57 kDa
<b>AA Sequence</b>	MGEFNEKKTTCGTVCLKYLLFTYNCCLWLAGLAVMAVGIWTLALKSDYISLLASGTYLATAYILVVAGTVVMVTGVLGCCATFKERRNLLRLYFILLLIIFLLEIIAGILAYAYYQQLN

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TELKENLKDTMTKRYHQPGHEAVTSAVDQLQQEFHCCGSNNSQDWRDSEWIRSQ  
 EAGGRVVPDSCCKTVVALCGQRDHASNIYKVEGGCITKLETFIQEHLRVIGAVGIGIA  
 CVQVFGMIFTCCLYRSLKLEHY

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

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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<b>MIM</b>	602243
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<b>UniProt ID</b>	P48509
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