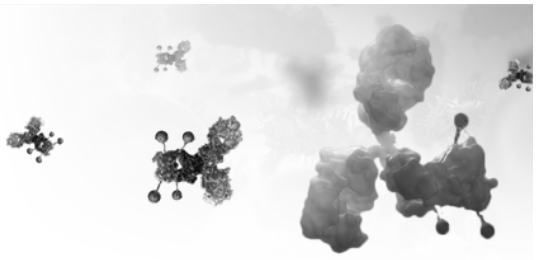

Human CD63 peptide (DAG-P0334)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]
Specificity	Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the tetraspanin (TM4SF) family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CD63 CD63 molecule [Homo sapiens (human)]
Official Symbol	CD63

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Synonyms	CD63; CD63 molecule; MLA1; ME491; LAMP-3; OMA81H; TSPAN30; CD63 antigen; tspan-30; granulophysin; tetraspanin-30; melanoma-associated antigen MLA1; CD63 antigen (melanoma 1 antigen); melanoma-associated antigen ME491; ocular melanoma-associated antigen; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3;
Entrez Gene ID	967
mRNA Refseq	NM_001257389.1
Protein Refseq	NP_001244318.1
UniProt ID	P08962
Chromosome Location	12q12-q13
Pathway	Hemostasis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Proteoglycans in cancer, organism-specific biosystem; Proteoglycans in cancer, conserved biosystem; Response to elevated platelet cytosolic Ca2+, organism-specific biosystem;
Function	protein binding;

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