

Recombinant Human CD63 Protein, MYC/DDK-tagged

Cat. No. CD63-3112H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CD63 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

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.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 25.2 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CD63 CD63 molecule [Homo sapiens]
Official Symbol	CD63
Synonyms	LAMP-3; ME491; MLA1; OMA81H; TSPAN30
Gene ID	967
mRNA Refseq	NM_001257389
Protein Refseq	NP_001244318
MIM	155740
UniProt ID	P08962

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