Recombinant Human CD27 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. CD27-556HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human CD27 (P26842) (Met1-Ile192), fused with a C-terminal polyhistidine tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	183
Form	Lyophilized
Molecular Mass	The secreted recombinant human CD27 consists of 183 amino acids and predicts a molecular mass of 20.7 kDa. The apparent molecular mass of the protein is approximately 27 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	Ala 20
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines

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	Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 7.4.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	CD27 CD27 molecule [Homo sapiens]
Official Symbol	CD27
Gene ID	939
mRNA Refseq	NM_001242
Protein Refseq	NP_001233
MIM	186711
UniProt ID	P26842

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