

Recombinant Human CD7 protein, His-tagged, FITC-Labeled

Cat. No. CD7-3009H Lot. No. (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human CD7 protein(Ala 26-Pro 180), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 26-Pro 180
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 18.3 kDa. The protein migrates as 25-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at:-20°C to -70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	FITC
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GENE INFORMATION

Gene Name	CD7 CD7 molecule [Homo sapiens]
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Official Symbol	CD7
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Synonyms	CD7; CD7 molecule; CD7 antigen (p41); T-cell antigen CD7; GP40; LEU 9; p41 protein; T cell antigen CD7; T cell leukemia antigen; Tp40; TP41; T-cell leukemia antigen; T-cell surface antigen Leu-9; LEU-9;
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Gene ID	924
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mRNA Refseq	NM_006137
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Protein Refseq	NP_006128
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MIM	186820
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UniProt ID	P09564
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