

Active GMP Recombinant Human CD22 protein, Fc-tagged

Cat. No. CD22-374HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human CD22 protein(NP_001762.2)(689 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human LAG-3(NCBI Reference Sequence: NP_001762.2) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Human LAG-3 (Fc Tag) at 5ug/mL (100 uL/well) that can bind to human FGL-1 (His Tag) is 50-200ng/mL.
Molecular Mass	Human LAG-3 Protein contains 689 aa. It has a predicted MW of 75.6 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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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.

GENE INFORMATION

Gene Name	CD22 CD22 molecule [Homo sapiens]
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Official Symbol	CD22
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Synonyms	CD223; FDC
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Gene ID	933
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mRNA Refseq	NM_001185099
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Protein Refseq	NP_001172028
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MIM	107266
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UniProt ID	P20273
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