

Recombinant Human LAG3 protein, His-tagged

Cat. No. LAG3-4401H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAG3 protein(P18627-1)(Leu23-Gly434), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu23-Gly434
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human LAG3, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human FGL1, hFc Tag with the EC50 of 0.28µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 45.5 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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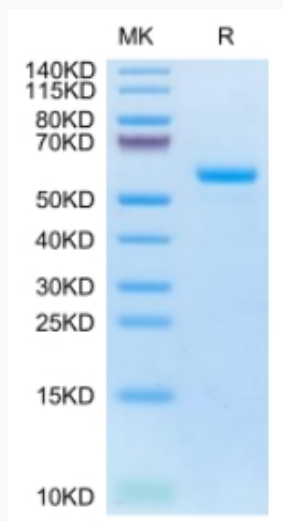
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	LAG3 lymphocyte-activation gene 3 [Homo sapiens]
Official Symbol	LAG3
Synonyms	LAG3; lymphocyte-activation gene 3; lymphocyte activation gene 3 protein; CD223;
Gene ID	3902
mRNA Refseq	NM_002286
Protein Refseq	NP_002277
MIM	153337
UniProt ID	P18627

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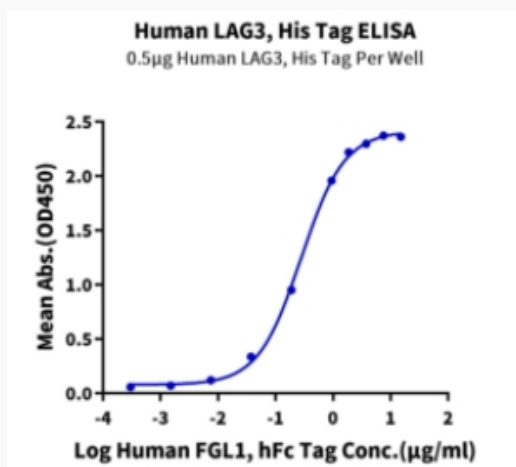
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Tris-Bis PAGE



ELISA Data



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