

# Human LAG3/CD223 Protein

## HA210225



<b>Product name:</b>	Human LAG3/CD223 Protein
<b>Species reactivity:</b>	Human
<b>Protein construction description:</b>	Recombinant Human LAG3/CD223 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu23-Leu450.
<b>Background:</b>	LAG-3, is a protein which in humans is encoded by the LAG3 gene, which is a cell surface molecule with diverse biologic effects on T cell function. It is an immune checkpoint receptor and as such is the target of various drug development programs by pharmaceutical companies seeking to develop new treatments for cancer and autoimmune disorders.
<b>Purity:</b>	> 95% as determined by Tris-Bis PAGE
<b>Endotoxin:</b>	Less than 1EU per µg by the LAL method.
<b>Source:</b>	HEK293
<b>Accession:</b>	P18627-1
<b>Predicted molecular mass:</b>	The protein has a predicted MW of 72.4 kDa. Due to glycosylation, the protein migrates to 75-80 kDa based on Tris-Bis PAGE result.
<b>Formulation:</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution:</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage:</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

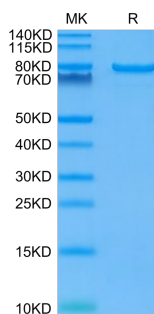
Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

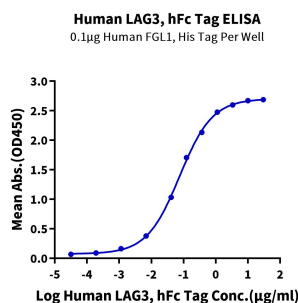
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**Fig1:** Human LAG3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%



**Fig2:** Immobilized Human FGL1, His Tag at 1 $\mu$ g/ml (100 $\mu$ l/well) on the plate. Dose response curve for Human LAG3, hFc Tag with the EC50 of 75.1ng/ml determined by ELISA.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".