

# Human CD48/SLAMF2 Protein

HA210245



<b>Product name:</b>	Human CD48/SLAMF2 Protein
<b>Species reactivity:</b>	Human
<b>Protein construction description:</b>	Recombinant Human CD48/SLAMF2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln27-Ser220.
<b>Background:</b>	CD48, also known as BLAST-1, BCM-1, and SLAMF2, is a 65 kDa GPI-linked protein in the CD2 family of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors.
<b>Purity:</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
<b>Endotoxin:</b>	Less than 1EU per µg by the LAL method.
<b>Source:</b>	HEK293
<b>Accession:</b>	P09326-1
<b>Predicted molecular mass:</b>	The protein has a predicted MW of 48.9 kDa. Due to glycosylation, the protein migrates to 62-72 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.

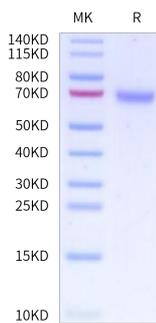
Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

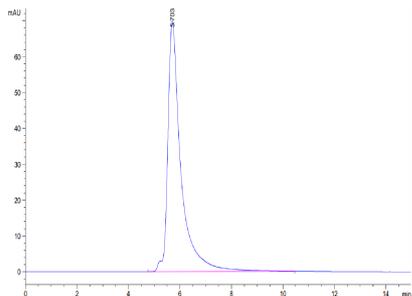
Technical:0086-571-89986345

Service mail:support@huabio.cn

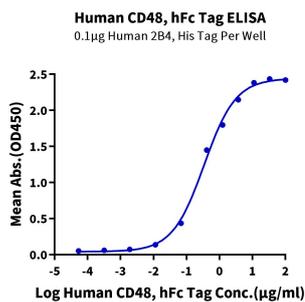
 华安生物  
HUABIO  
www.huabio.cn



**Fig1:** Human CD48 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



**Fig2:** The purity of Human CD48 is greater than 95% as determined by SEC-HPLC.



**Fig3:** Immobilized Human 2B4, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human CD48, hFc Tag with the EC50 of 0.34µg/ml determined by ELISA.

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