

For Research Use Only

Recombinant Human CD160 protein (rFc Tag)



Catalog Number: Eg1719

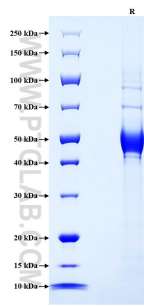
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human CD160 protein Ile27-Ser159 (Accession# O95971-1) with a rabbit IgG Fc tag at the C-terminus. GeneID: 11126 Accession: O95971-1 Predicted Molecular Mass: 41.1 kDa SDS-PAGE: 44-55 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	CD160 is a glycosylphosphatidylinositol (GPI)-anchored protein that is expressed on almost all intestinal intraepithelial lymphocytes (IELs), gamma delta T cells, CD56 (dim) CD16+ cytotoxic NK cells, and a minor subset of CD4+ and CD8+ T cells. The binding of CD160 to both classical and non-classical MHC I enhances NK and CD8+ cytotoxic T lymphocyte functions. CD160 is a ligand for HVEM (herpes virus entry mediator) and the binding of CD160 to HVEM inhibits T cell activity.		
References	1. Tae-Jin Kim, et al. (2019). Nat Commun.10(1):3258. 2. Mohamed El-Far, et al.(2014). J Transl Med.12:217. 3. Guifang Cai, et al.(2009). Immunol Rev. 229(1):244-58.		
Synonyms	CD160, BY55, CD160 antigen, CD160 antigen, soluble form, CD160 molecule		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Human CD160 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.