Human CLEC2B Protein

Cat. No. CLE-HM22B

Description

Source	Recombinant Human CLEC2B Protein is expressed from HEK293 with hFc tag at the N-terminus.
	It contains Lys26-His149.
Accession	Q92478
Molecular Weight	The protein has a predicted MW of 40.02 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

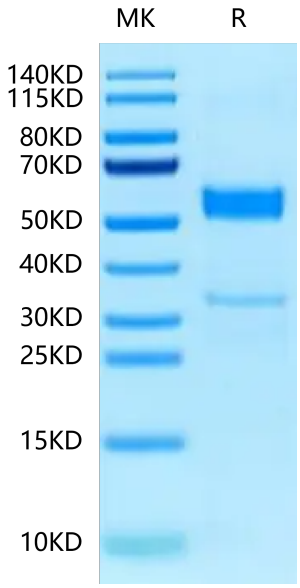
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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.

Background

C-type lectin domain family 2 member B (also named CLEC2B), a key gene linked to ferroptosis regulators in psoriatic arthritis, is differentially expressed in a variety of cancers and is associated with immune cell infiltration as well as immune checkpoints.

Assay Data

Bis-Tris PAGE



Human CLEC2B on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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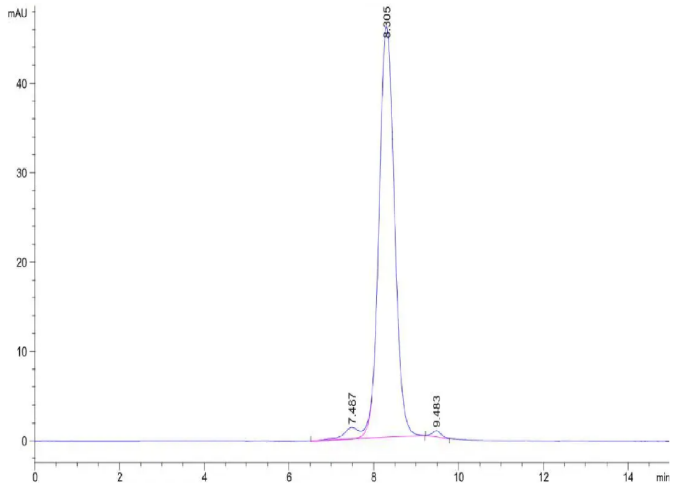

The purity of Human CLEC2B is greater than 95% as determined by SEC-HPLC.