FITC-Labeled Human CLEC12A/MICL/CLL-1 Protein

Cat. No. CLE-HM12AF

Description

Source	Recombinant FITC-Labeled Human CLEC12A/MICL/CLL-1 Protein is expressed from HEK293 with His tag at the N-Terminus.
	It contains His65-Ala265.
Accession	Q5QGZ9-2
Molecular Weight	The protein has a predicted MW of 24.6 kDa. Due to glycosylation, the protein migrates to 35-55 kDa based on Tris-Bis PAGE result.
Wavelength	Excitation Wavelength: 490 nm
	Emission Wavelength: 520 nm
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

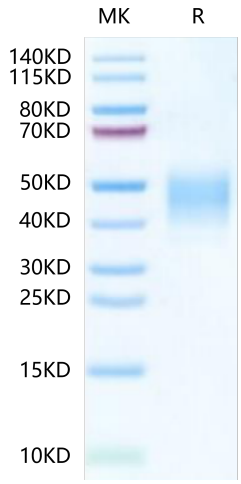
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CLEC12A has recently been identified as an antigen, expressed on leukemic stem cells and leukemic blasts. Given the fact that this expression profile seems stable throughout diagnosis, treatment and relapse on leukemic blasts and leukemic stem cells, CLEC12A can be considered a highly potent and reliable marker for the detection of measurable residual disease and therefore applicable for risk stratification and prognostication in AML.

Assay Data

Tris-Bis PAGE



FITC-Labeled Human CLEC12A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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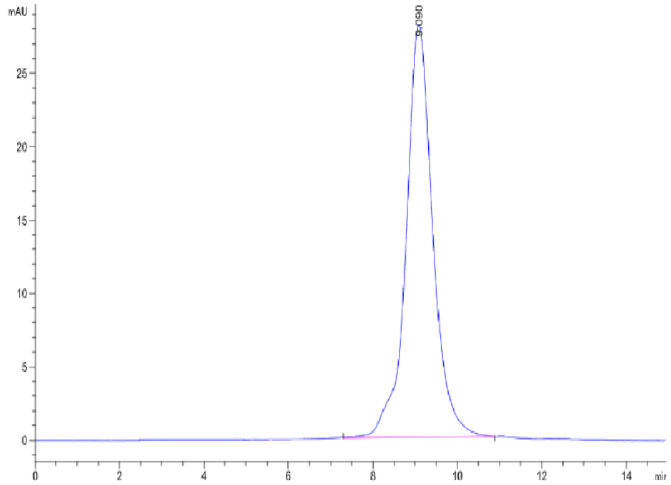
Assay Data



The purity of FITC-Labeled Human CLEC12A is greater than 95% as determined by SEC-HPLC.

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