

Human SECTM1 Protein

Cat. No. SEC-HM201



Description

Source	Recombinant Human SECTM1 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Gln29-Gly145.
Accession	AAH17716
Molecular Weight	The protein has a predicted MW of 39.4 kDa. Due to glycosylation, the protein migrates to 47-50 kDa based on Tris-Bis PAGE result.
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

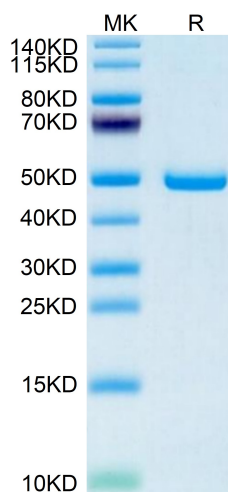
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

SECTM1 is a T/NK cell "co-stimulatory" molecule that is expressed in the peripheral blood by neutrophils and monocytes. Human monocytic cells also displayed a pronounced negative regulation of SECTM1 mRNA expression by LPS, while at the protein level SECTM1 expression was also shown to be regulated by IFN and LPS. This tight regulation of SECTM1 gene expression and rapid upregulation highlights its relevance in the innate immune response.

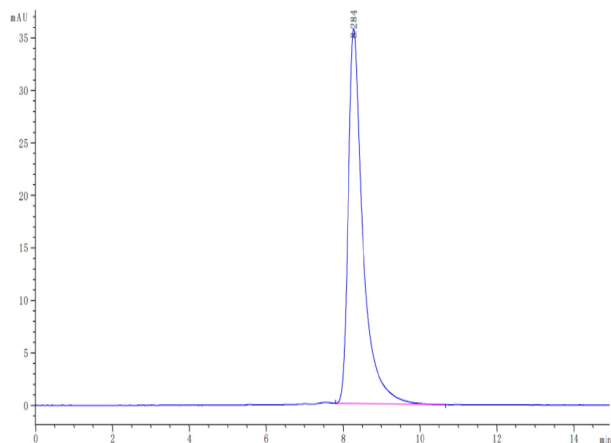
Assay Data

Tris-Bis PAGE



Human SECTM1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human SECTM1 is greater than 95% as determined by SEC-HPLC.