

Human TACI/TNFRSF13B Protein

Cat. No. TAC-HM213



Description

Source	Recombinant Human TACI/TNFRSF13B Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ser2-Thr166.
Accession	O14836-1
Molecular Weight	The protein has a predicted MW of 45.3 kDa. Due to glycosylation, the protein migrates to 38-40 kDa and 50-55 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

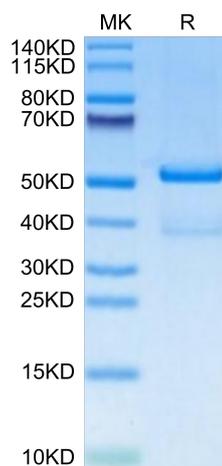
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Transmembrane activator and calcium-modulating cyclophilin ligand interactor (TACI) is one of the receptors of B cell activating factor of the tumor necrosis factor family (BAFF) and a proliferation-inducing ligand (APRIL). TACI is a regulator in the immune responses. TACI inhibits B cell expansion and promotes the differentiation and survival of plasma cells.

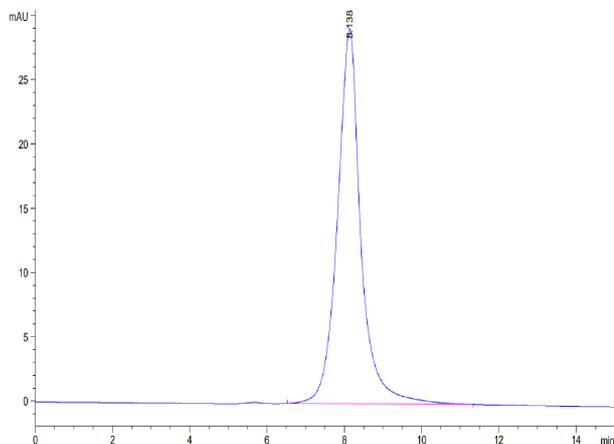
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



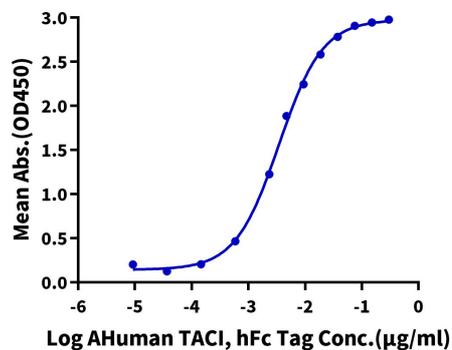
The purity of Human TACI is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human TACI, hFc Tag ELISA

0.2µg Human BAFF Trimer, His Tag Per Well



Immobilized Human BAFF Trimer, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human TACI, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA (QC Test).