

Recombinant human BAFFR protein, C-hFc (HEK293)

Catalog Number: bs-47030P

Concentration: >0.5 mg/ml

AA Seq: 7-71/184

Predicted MW: 33.3

Detected MW: Due to glycosylation, the protein migrates to 40-48 kDa based on Tris-Bis PAGE result.

Tags: C-hFc

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

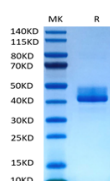
Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

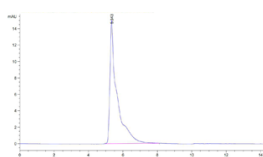
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival. [provided by RefSeq].

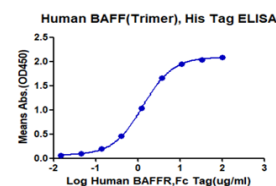
VALIDATION IMAGES



Recombinant BAFFR Protein on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.



The purity of BAFFR Protein is greater than 95% as determined by SEC-HPLC.



Immobilized Human BAFF Trimer, His Tag (BAF-HM112) at 0.5ug/ml (100ul/Well). Dose response curve for Human BAFFR, Fc Tag with the EC50 of 1.3ug/ml determined by ELISA.