Human UBASH3B/STS1 Protein

Cat. No. STS-HE13B

Description

Source	Recombinant Human UBASH3B/STS1 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Gly380-Glu649.
Accession	Q8TF42
Molecular Weight	The protein has a predicted MW of 31.88 kDa same as 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

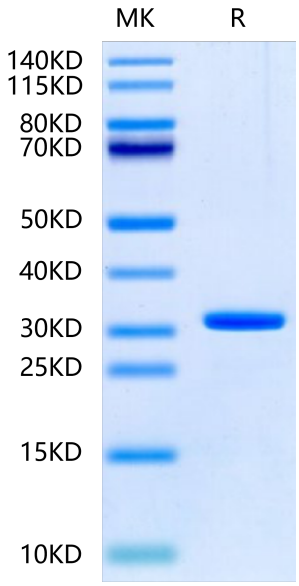
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

UBASH3/STS/TULA is a novel two-member family, which exerts several key regulatory effects in multiple cell types. UBASH3B/STS-1/TULA-2 is a highly active protein tyrosine phosphatase; its major target appears to be a specific regulatory site of protein tyrosine kinases of the Syk family, dephosphorylation of which inhibits Syk and Zap-70 kinases and suppresses receptor signaling mediated by these kinases.

Assay Data

Bis-Tris PAGE



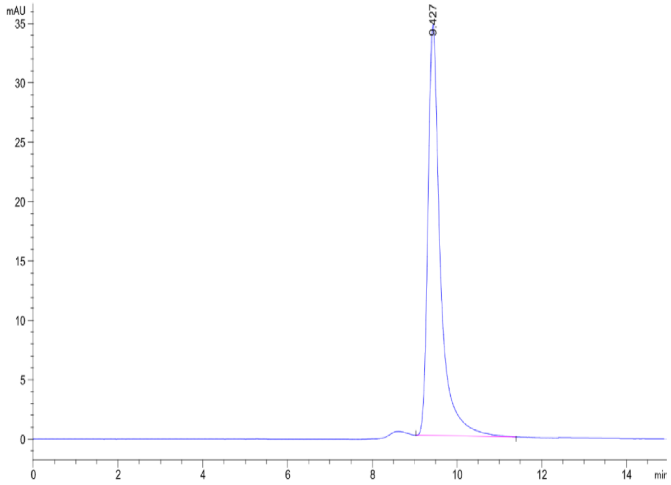
Human UBASH3B on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Human UBASH3B/STS1 Protein

Cat. No. STS-HE13B

Assay Data



The purity of Human UBASH3B is greater than 95% as determined by SEC-HPLC.