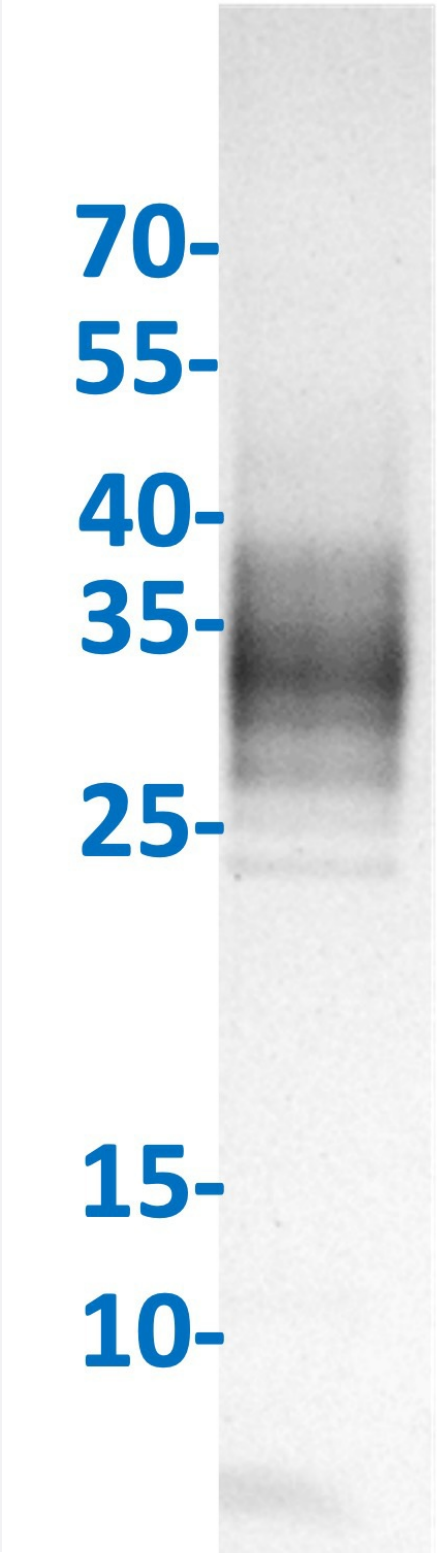
TACSTD2 (Human) Recombinant Protein

Catalog # P10643 Size 100 ug

Applications

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SDS-PAGE analysis of TACSTD2 (Human) Recombinant Protein



Specification

Product Description	Human TACSTD2 partial recombinant protein with His tag at the C-terminus expressed in CHO cells.

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Sequence	HTAAQDNCTCPTNKMTVCSPDGPGGRCQCRALGSGMAVDCSTLTSKCLLLKARMSAPKNARTL VRPSEHALVDNDGLYDPDCDPEGRFKARQCNQTSVCWCVNSVGVRRTDKGDLSLRCDELVRT HHILIDLRHRPTAGAFNHSDLDAELRRLFRERYRLHPKFVAAVHYEQPTIQIELRQNTSQKAAGDVDI GDAAYYFERDIKGESLFQGRGGLDLRVRGEPLQVERTLIYYLDEIPPKFSMKRLT
Host	Mammals
Theoretical MW (kDa)	28.71
Reactivity	Human
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purification	Ni-NTA chromatography
Purity	> 90% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue SDS-PAGE analysis of TACSTD2 (Human) Recombinant Protein
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for 12 months in lyophilized state. After reconstitution with deionized water, store at -20 or -80°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — TACSTD2

Entrez GeneID	4070
Protein Accession#	P09758
Gene Name	TACSTD2
Gene Alias	EGP-1, GA733, GA733-1, M1S1, TROP2

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Gene Description	tumor-associated calcium signal transducer 2
Omim ID	137290 204870
Gene Ontology	Hyperlink
Gene Summary	This intronless gene encodes a carcinoma-associated antigen defined by the monoclonal antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to blindness. [provided by RefSeq
Other Designations	OTTHUMP00000011755|epithelial glycoprotein-1|membrane component, chromosome 1, surface marker 1 (40kD glycoprotein, identified by monoclonal antibody GA733)

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