

Recombinant Human TACSTD2 Protein

Catalog #	Source	Reactivity	Applications
CRP2823	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human TACSTD2 Protein is produced by mammalian expression system and the target gene encoding Thr88-Thr274 is expressed with a Fc tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	TACSTD2		
Alternative Names	GA733-1; M1S1; TROP2; Tumor-associated calcium signal transducer 2; Cell surface glycoprotein Trop-2; Membrane component chromosome 1 surface marker 1; Pancreatic carcinoma marker protein GA733-1		
Entrez Gene	4070 (Human)		
SwissProt	P09758 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDL</p> <p>LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFREYRLH PKFVAAVHYE QPTIQIELRQ</p> <p>NTSQKAAGDV DIGDAAYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK</p> <p>FSMKRLTVDD IEGRMDEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV</p> <p>TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNST YRVVSVLTVL HQDWLNGKEY</p> <p>KCKVSNKALP APIEKTISKA KGQPREPVY TLPPSREEMT KNQVSLTCLV KGFYPSDIAV</p> <p>EWESNGQPEN NYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK</p> <p>SLSLSPGK</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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