

## Product datasheet for **TP727023**

### Tacstd2 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Tacstd2/Trop2(C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln25-Gly270
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse Tumor-associated calcium signal transducer 2 is produced by our Mammalian expression system and the target gene encoding Gln25-Gly270 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	56753
UniProt ID:	<a href="#">Q8BGV3</a>
Summary:	Tumor-associated calcium signal transducer 2(Tacstd2), also known as Cell surface glycoprotein Trop-2, belongs to the EPCAM family. Tacstd2 expressed in kidney, lung, ovary and testis and has high levels of expression in immortalized keratinocytes. Tacstd2 may functions as a growth factor receptor. It has negative regulation of branching involved in ureteric bud morphogenesis, cell motility, epithelial cell migration, ruffle assembly, stress fiber assembly and substrate adhesion-dependent cell spreading. Also, it has positive regulation of stem cell proliferation. Tacstd2 is capable of transducing an intracellular calcium signal and may play a role in tumor growth. It also has adhesive functions.



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