

Product Data Sheet

Recombinant Human TSTA3 Protein

Catalog #	Source	Reactivity	Applications
CRP2459	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human TSTA3 Protein is produced by E. coli expression system and the target gene encoding Met1-Lys321 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
Gene Symbol	TSTA3		
Alternative Names	SDR4E1; GDP-L-fucose synthase; GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase; Protein FX; Red cell NADP(H)-binding protein; Short-chain dehydrogenase/reductase family 4E member 1		
Entrez Gene	7264 (Human)		
SwissProt	Q13630 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGEPQGSMRI LVTGGSLVG KAIQKVADG AGLPGEDWVF VSKDADLTD TAQTRALFEK VQPTHVIHLA AMVGGLFRNI KYNLDFWRKN VHMNDNLVLS AFEVGARKVV SCLSTCIFPD KTTYPIDETM IHNGPPHNSN FGYSYAKRMI DVQNRAYFQQ YGCTFTAIVP TNVFGPHDNF NIEDGHVLPGLIHKVHLAKS SGSALTVWGT GNPRRQFIYS LDLAQLFIWV LREYNEVEPI ILSVGEEDEV SIKEAAEAVV EAMDFHGEVT FDTTKSDGQF KKTASNSKLR TYLPDFRFTP FKQAVKETCA WFTDNYEQAR KLEHHHHHHH		
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 recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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