

## Recombinant Human TSTA3 Protein

Catalog #	Source	Reactivity	Applications
CRP2459	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human TSTA3 Protein is produced by our E. coli expression system and the target gene encoding Met1-Lys321 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	TSTA3		
<b>Alternative Names</b>	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		
<b>Entrez Gene</b>	7264 (Human)		
<b>SwissProt</b>	Q13630 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MGEPQGSMRI LVTGGSLVG KAIQKVVADG AGLPGEDWVF VSKDADLTD TAQTRALFEK  VQPTHVIHLA AMVGGLFRNI KYNLDFWRKN VHMNDNLVLS AFEVGARKVV SCLSTCIFPD  KTTYPIDETM IHNGPPHNSN FGYSYAKRMI DVQNRAYFQQ YGCTFTAIVIP TNVFGPHDNF  NIEDGHVLPGLIHKVHLAKS SGSALTVWGT GNPRRQFIYS LDLAQLFIWV LREYNEVEPI  ILSVGEEDEV SIKEAAEAVV EAMDFHGEVT FDTTKSDGQF KKTASNSKLR TYLPDFRFTP  FKQAVKETCA WFTDNYEQAR KLEHHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated 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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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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