

## Recombinant Human TSTA3, GST-tagged

Cat. No. TSTA3-3471H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TSTA3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-321aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	TSTA3 tissue specific transplantation antigen P35B [ Homo sapiens ]
<b>Official Symbol</b>	TSTA3
<b>Synonyms</b>	TSTA3; tissue specific transplantation antigen P35B; GDP-L-fucose synthase; FX; GDP L fucose synthase; P35B; SDR4E1; short chain dehydrogenase/reductase family 4E; member 1; 3-5 epimerase/4-reductase; red cell NADP(H)-binding protein; tissue specific transplantation antigen 3; GDP-4-keto-6-deoxy-D-mannose epimerase-

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reductase; GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase; short chain dehydrogenase/reductase family 4E, member 1;

**Gene ID** [7264](#)

**mRNA Refseq** [NM\\_003313](#)

**Protein Refseq** [NP\\_003304](#)

**MIM** [137020](#)

**UniProt ID** [Q13630](#)

**Chromosome Location** 8q24.3

**Pathway**

Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem;

**Function**

GDP-4-dehydro-D-rhamnose reductase activity; GDP-L-fucose synthase activity; coenzyme binding; electron carrier activity; isomerase activity; nucleotide binding; oxidoreductase activity;

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