

Recombinant Human TCOF1

Cat. No. TCOF1-31607TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Treacher Collins syndrome protein with N-terminal proprietary tag. Mol Wt 34.54 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	81 amino acids
Description	This gene encodes a nucleolar protein with a LIS1 homology domain. The protein is involved in ribosomal DNA gene transcription through its interaction with upstream binding factor (UBF). Mutations in this gene have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	34.540kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids AEARKRRELLPLIYHHLLRAGYVRAAREVKEQSGQKCFLAQPVTLLDIYTHWQQTSE
LGRKRKAEEDAALQAKKTRVSDPI

Sequence Similarities Contains 1 LisH domain.

GENE INFORMATION

Gene Name TCOF1 Treacher Collins-Franceschetti syndrome 1 [Homo sapiens]

Official Symbol TCOF1

Synonyms TCOF1; Treacher Collins-Franceschetti syndrome 1; treacle protein; treacle;

Gene ID 6949

mRNA Refseq NM_000356

Protein Refseq NP_000347

MIM 606847

Uniprot ID Q13428

Chromosome Location 5q31.3-q33.3

Pathway Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;

Function protein binding; transporter activity;

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