

Recombinant Human TCOF1 protein, MYC/DDK-tagged

Cat. No. TCOF1-32H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCOF1, transcript variant 3, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	96.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TCOF1 Treacher Collins-Franceschetti syndrome 1 [Homo sapiens]
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Official Symbol	TCOF1
Synonyms	TCOF1; Treacher Collins-Franceschetti syndrome 1; treacle protein; treacle; Treacher Collins syndrome protein; nucleolar trafficking phosphoprotein; MFD1; TCS1;
Gene ID	6949
mRNA Refseq	NM_001008657
Protein Refseq	NP_001008657
MIM	606847
UniProt ID	Q13428
Chromosome Location	5q32
Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	protein binding; transporter activity;

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