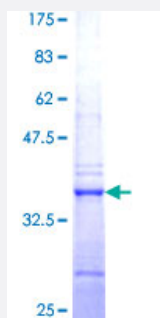


TCOF1 (Human) Recombinant Protein (Q01)

Catalog # H00006949-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TCOF1 partial ORF (NP_001008657, 2 a.a. - 82 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEARKRRELLPLIYHLLRAGYVRAAREVKEQSGQKCFLAQPVTLDDIYHWQQTSELGRKRKAE EDAALQAKKTRVSDPI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.65
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TCOF1

Entrez GeneID [6949](#)

GeneBank Accession# [NM_001008657](#)

Protein Accession# [NP_001008657](#)

Gene Name TCOF1

Gene Alias MFD1, treacle

Gene Description Treacher Collins-Franceschetti syndrome 1

Omim ID [154500 606847](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Treacher Collins syndrome protein|nucleolar trafficking phosphoprotein

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Deafness](#)
- [Mandibulofacial Dysostosis](#)

- [Sleep Apnea](#)
- [Syndrome](#)