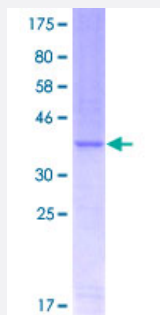


TWIST1 (Human) Recombinant Protein (Q01)

Catalog # H00007291-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TWIST1 partial ORF (NP_000465, 100 a.a. - 202 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PQSYEELQTQRVMANVRERQRTQSLNEAFAALRKIIPTLP SDKLSKIQTCLKLAARYIDFLYQVLQSD ELDSKMASC SYVAHERLSYAFSVWRMEGAWSMSASH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.07
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — TWIST1

Entrez GeneID [7291](#)

GeneBank Accession# [NM_000474](#)

Protein Accession# [NP_000465](#)

Gene Name TWIST1

Gene Alias ACS3, BPES2, BPES3, SCS, TWIST, bHLHa38

Gene Description twist homolog 1 (Drosophila)

Omim ID [101400 601622](#)

Gene Ontology [Hyperlink](#)

Gene Summary Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome. [provided by RefSeq]

Other Designations B-HLH DNA binding protein|H-twist|TWIST homolog of drosophila|twist

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosome Aberrations](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniosynostoses](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)