

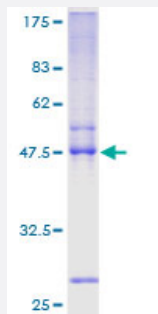
Full-Length

TWIST2 (Human) Recombinant Protein (P01)

Catalog # H00117581-P01

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|---|
| Product Description | Human TWIST2 full-length ORF (AAH33168, 1 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MEEGSSSPVSPVDSLGTSEEELEERQPKRFGRKRRYSKKSSDGSPTPGKRGKKGSPSAQSFE ELQSQRILANVRERQRTQSLNEAFAALRKIIPTLP SDKLSKIQLKLAARYIDFLYQVLQSDMDNKM TSCSYVAHERLSYAFSVWRMEGSWSMSASH |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 43.34 |
| 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 — TWIST2

Entrez GeneID [117581](#)**GeneBank Accession#** [BC033168](#)**Protein Accession#** [AAH33168](#)**Gene Name** TWIST2**Gene Alias** DERMO1, MGC117334, bHLHa39**Gene Description** twist homolog 2 (Drosophila)**Omim ID** [607556](#)**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 share s similarity with another bHLH transcription factor, Twist. It is thought that during osteoblast development this protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype. [provided by RefSeq]

Other Designations dermis-expressed protein 1|twist homolog 2|twist-related bHLH protein Dermo1

Publication Reference

- [Twist2 Reduced NLRP3-Induced Inflammation of Infantile Pneumonia via Regulation of Mitochondrial Permeability Transition by FOXO1.](#)

Niu Ding, Dian Liu, Xiaojun Duan, Jin Zhang, Song Ma, Yanping Chen.

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Application: Sub, Mouse, Mouse lung