

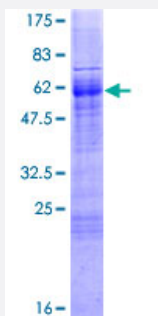
Full-Length

FOXI1 (Human) Recombinant Protein (P01)

Catalog # H00002299-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FOXI1 full-length ORF (NP_658982.1, 1 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSFDLPA SPSPRCSPQFPSIGQEPPPEMNLYYENFFHPQGVPS PQRP SFEGGGEYGATPNPYL
WFNGPTMT PPPYLPGPNAS PFLPQAYGVQRLLPSV SGLGGSDLGWLP IPSQEELMKLVRPPYS
YSALIAMA IHGAPDKRLT LSQIQYVADNFP FYNKSKAGWQNSIRHNL SLNDCFKKVPRDEDDPAY
VSGGSPTSHPLVTPGLSPEPSDKTGQNSLTFNSFSPLTNLSNHSGGGDWANPMP TNMLS YGGS
VLSQFSPHFYNSVNTSGVLYPREGTEV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.20

Interspecies Antigen Sequence

Mouse (63); Rat (91)

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 — FOXI1

Entrez GeneID[2299](#)**GeneBank Accession#**[NM_144769.1](#)**Protein Accession#**[NP_658982.1](#)**Gene Name**

FOXI1

Gene Alias

FKH10, FKHL10, FREAC6, HFH3, MGC34197

Gene Description

forkhead box I1

Omim ID[600791 601093](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it is possible that this gene plays an important role in the development of the cochlea and vestibulum, as well as embryogenesis. Mutations in this gene may be associated with the common cavity phenotype. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

HNF-3/fork-head homolog-3|forkhead-like 10|forkhead-related activator 6|hepatocyte nuclear factor 3 forkhead homolog 3

Disease

- [Hearing Loss](#)
- [Lymphedema](#)