

Full-Length

IRX2 (Human) Recombinant Protein (P01)

Catalog # H00153572-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human IRX2 full-length ORF (NP_150366.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSYPQGYLYQAPGSLALYSCPAYGASALAAPRSEELARSASGSASFSPYPGSAAFTAQAATGFSGS
PLQYSADAAAAAAGFPSYMGAPYDAHTTGMTGAISYHPYGSAAYPYQLNDPAYRKNATRDATL
KAWLNEHRKNPYPTKGEKIMLAITKMTLTQVSTWTFANARRRLKKENKMTWAPRNKSEDEDEDEG
DATRSKDESPDKAQEGTETSAEDEGLHVDLTDHSCSAESDGEKLPCRAGDPLCESGSECK
DKYDDLEDDDDDEEGERGLAPPKPVTSSPLTGLEAPLLSPPPEAAPRGGRKTPQGSRTSPGA
PPPASKPKLWSLAEIATSDLKQPSLGP GCGPPGLPAAAAASTGAPPGGSPYPASPLLGRPLY
TSPFYGNITNYGNLNAALQGQGLLRYSAAAAPGEALHTAPKAASDAGKAGAHPLESHYRSPGG
GYEPKKDASEGCTVVGGGVQPYL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.5

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 — IRX2

Entrez GeneID[153572](#)**GeneBank Accession#**[NM_033267.2](#)**Protein Accession#**[NP_150366.1](#)**Gene Name**

IRX2

Gene Alias

IRXA2

Gene Description

iroquois homeobox 2

Omim ID[606198](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

IRX2 is a member of the Iroquois homeobox gene family. Members of this family appear to play multiple roles during pattern formation of vertebrate embryos.[supplied by OMIM]

Other Designations

OTTHUMP00000115435|iroquois homeobox protein 2

Disease

- [Myopia](#)