

Recombinant Human IRX3 Protein, GST-tagged

Cat. No. IRX3-5024H Lot. No. (See product label)

SPECIFICATION

Product Overview Human IRX3 full-length ORF (AAH23667.1, 1 a.a. - 501 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description IRX3 is a member of the Iroquois homeobox gene family (see IRX1; MIM 606197) and plays a role in an early step of neural development (Bellefroid et al., 1998 [PubMed 9427753]). Members of this family appear to play multiple roles during pattern formation of vertebrate embryos (Lewis et al., 1999 [PubMed 10370142]).[supplied by OMIM

Molecular Mass 78.5 kDa

AA Sequence
MSFPQLGYQYIRPLYPSERPGAAGGSGGSAGARGGLGAGASELNASGSLSNVLSS
VYGAPYAAAAAAAAAQQYGAFPLPYAAELPIFPQLGAQYELKDSPGVQHPAAAAAFP
HPHPAFYPYGQYQFGDPSRPKNATRESTSTLKAWLNEHRKNPYPTKGEKIMLAITK
MTLTQVSTWTFANARRRLKKNKMTWAPRSRTDEEGNAYGSEEEEEDEEEDG
KRELEEEEEELGGEEEDTGGEGGLADDEDEEIDLENLDGAATEPELSLAGAARRDG
DLGLGPISDSKNSDSEDSSEGLEDRPLPVLSLAPAPPVAVASPLSPSPVSLDPCA
PAPAPASALQPKIWSLAETATSPDNPRRSPPGAGGSPPGAAVAPSALQLSPAAAA
AAAHRLVSAPLGKFPWTNRPFPGPPPGRPHPLSLLGSAPPHELLGLPGAAGHPAA
AAAFARPAEPEGGTDRCSALEVEKLLKTAQFPVPRRPQNHDAALVLSALSSS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

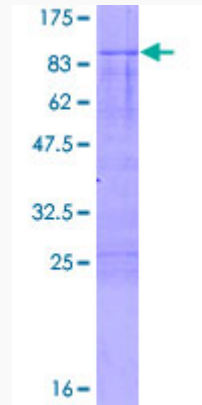
Gene Name	IRX3 iroquois homeobox 3 [Homo sapiens]
Official Symbol	IRX3
Synonyms	IRX3; iroquois homeobox 3; iroquois-class homeodomain protein IRX-3; IRX 1; homeodomain protein IRXB1; iroquois homeobox protein 3; iroquois-class homeodomain protein IRX-1; IRX-1; IRXB1; FLJ99187;
Gene ID	79191
mRNA Refseq	NM_024336
Protein Refseq	NP_077312
MIM	612985
UniProt ID	P78415

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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