

# Recombinant Full Length Human IRX3 Protein, GST-tagged

Cat. No. IRX3-5751HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human IRX3 full-length ORF ( AAH23667.1, 1 a.a. - 501 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	501 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	78.5 kDa
<b>AA Sequence</b>	MSFPQLGYQYIRPLYPSERPGAAGGSGGSAGARGGLGAGASELNASGSLSNVLSS VYGAPYAAAAAAAAAQQYGAFPLPYAAELPIFPQLGAQYELKDSPGVQHAAAAAFP HHPAFYYPYGQYQFGDPSRPKNATRESTSTLKAWLNEHRKNPYPTKGEKIMLAITK MTLTQVSTWTFANARRRLKKNKMTWAPRSRTDEEGNAYGSEREEEEDEEEDG KRELELEEEELGGEEEDTGGEGGLADDEDEEIDLENLDGAATEPELSLAGAARRDG DLGLGPISDSKNSDSEDSSEGLEDRPLPVLSLAPAPPPVAVASPSLPSPPVSLDPCA PAPAPASALQPKIWSLAETATSPDNPRRSPPGAGGSPPGAAVAPSALQLSPAAAA AAAHRLVSAPLGKFPWTRNRPFGPPGPRPHPLSLLGSAPPHLLGLPGAAGHPAA

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AAAFARPAEPEGGTDRCSALEVEKLLKTAFAQPVPVRRPQNHLDAAALVLSALSSS

**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

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UniProt ID

P78415

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