

Recombinant Human FOXG1

Cat. No. FOXG1-28945TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human FOXG1 with N terminal proprietary tag, 32.24kDa.
Species	Human
Source	Wheat Germ
ProteinLength	61 amino acids
Description	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 may play a role in the development of the brain and telencephalon.
Molecular Weight	32.240kDa inclusive of tags
Tissue specificity	Expression is restricted to the neurons of the developing telencephalon.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	SPFLSLHHPRASSTLSYNGTTSAYP SHPM PYSSVLTQNSLGNNHSFSTANGLSVDR LVNGE
Sequence Similarities	Contains 1 fork-head DNA-binding domain.
GENE INFORMATION	
Gene Name	FOXG1 forkhead box G1 [Homo sapiens]
Official Symbol	FOXG1
Synonyms	FOXG1; forkhead box G1; FKH2, FKHL1, FKHL2, FKHL3, FKHL4, forkhead box G1A , forkhead box G1B , forkhead box G1C , FOXG1A, FOXG1B, FOXG1C; forkhead box protein G1; BF1; HBF 3; HFK1; HFK2; HFK3; QIN;
Gene ID	2290
mRNA Refseq	NM_005249
Protein Refseq	NP_005240
MIM	164874
Uniprot ID	P55316
Chromosome Location	14q11-q13
Pathway	Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;

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Function

DNA bending activity; DNA binding; double-stranded DNA binding; protein binding; sequence-specific DNA binding;

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