

Recombinant Human FOXG1 Protein, GST-tagged

Cat. No. FOXG1-4452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXG2 (183-291) Protein with GST tag was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
ProteinLength	183-291
Description	This locus encodes a member of the fork-head transcription factor family. The encoded protein, which functions as a transcriptional repressor, is highly expressed in neural tissues during brain development. Mutations at this locus have been associated with Rett syndrome and a diverse spectrum of neurodevelopmental disorders defined as part of the FOXG1 syndrome. This gene is dysregulated in many types of cancer and is the target of multiple microRNAs that regulate the proliferation of tumor cells.
Molecular Mass	37.73 kDa
AA Sequence	PFSYNALIMMAIRQSPEKRLTLNGIYEFIMKNFPYYRENKQGWQNSIRHNLSLNKCFV KVPRHYDDPGKGNYWMLDPSSDDVFIGGTTGKLRRRSTTSRAKLAFKRGAR
Purity	>10% by SDS-PAGE and Coomassie blue staining
Applications	WB, ELISA, PA, PAGE, AP

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Storage	Store at -80 centigrade. Avoid freeze-thaw cycles.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Preservative	No Preservative

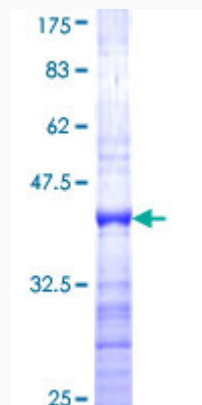
GENE INFORMATION

Gene Name	FOXG1 forkhead box G1 [Homo sapiens (human)]
Official Symbol	FOXG1
Synonyms	FOXG1; forkhead box G1; BF1; BF2; QIN; FKH2; HBF2; HFK1; HFK2; HFK3; KHL2; FHKL3; FKHL1; FKHL2; FKHL3; FKHL4; HBF-1; HBF-2; HBF-3; FOXG1A; FOXG1B; FOXG1C; HBF-G2; forkhead box protein G1; brain factor 1; brain factor 2; forkhead-like 1; forkhead-like 2; forkhead-like 3; forkhead-like 4; oncogene QIN
Gene ID	2290
mRNA Refseq	NM_005249
Protein Refseq	NP_005240
MIM	164874
UniProt ID	P55316

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SDS-PAGE

Recombinant Human FOXG1 Protein - 12.5% SDS-PAGE Stained with Coomassie Blue.

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