

Recombinant Full Length Human FOXA3 Protein, GST-tagged

Cat. No. FOXA3-5047HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOXA3 full-length ORF (NP_004488.2, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	350 amino acids
Description	This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver. The crystal structure of a similar protein in rat has been resolved. [provided by RefSeq]
Molecular Mass	63.5 kDa
AA Sequence	MLGSVKMEAHDLAEWSYYPEAGEVYSPVTPVPTMAPLNSYMTLNPLSSPYPPGGL PASPLPSGPLAPPAPAAPLGPTFPGLGVSGGSSSSGYGAPGPGLVHGKEMPKGYR RPLAHAKPPYSYISLITMAIQQAPGKMLTLSEIYQWIMDLFPYYRENQQRWQNSIRHS LSFNDCFVKVARSPDKPGKGSYWALHPSSGNMFENGCYLRRQKRFKLEEKVKKGG SGAATTTTRNGTGSAASTTTTAAATVTSPPPPPAPEPEAQGGEDVGALDCGSPASS TPYFTGLELPGELKLDAPYNFNHPFSINNLMSEQTPAPPKLDVGFGGYGAEGGEPG VYYQGLYSRSLNAS

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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	FOXA3 forkhead box A3 [Homo sapiens]
Official Symbol	FOXA3
Synonyms	FOXA3; forkhead box A3; hepatocyte nuclear factor 3, gamma, HNF3G; hepatocyte nuclear factor 3-gamma; HNF-3G; TCF-3G; HNF-3-gamma; forkhead box protein A3; transcription factor 3G; fork head-related protein FKH H3; hepatocyte nuclear factor 3, gamma; FKHH3; HNF3G; TCF3G; MGC10179;
Gene ID	3171
mRNA Refseq	NM_004497
Protein Refseq	NP_004488
MIM	602295
UniProt ID	P55318

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