

Recombinant Human FOXA2 Protein, GST-tagged

Cat. No. FOXA2-4433H Lot. No. (See product label)

SPECIFICATION

Product Overview Human FOXA2 full-length ORF (NP_068556.1, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.


Species Human

Source Wheat Germ


Description This gene encodes a member of the forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific genes 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. This gene has been linked to sporadic cases of maturity-onset diabetes of the young. Transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

Molecular Mass 74.7 kDa

AA Sequence
 MLGAVKMEGHEPSDWSSYYAEPEGYSSVSNMNAAGLGMNGMNTYMSMSAAAMGS
 GSGNMSAGSMNMSSYVGAGMSPSLAGMSPGAGAMAGMGGSAGAAGVAGMGPH
 LSPSLSPGGQAAGAMGGLAPYANMNSMSPMYGQAGLSRARDPKTYRRSYTHAK
 PPYSYISLITMAIQQSPNKMLTLSEIYQWIMDLFPFYRQNRQQRWQNSIRHLSLFCF
 LKVPRSPDKPGKGSFWTLHPDSGNMFENGCYLRRQKRFKCEKQLALKEAAGAAGS
 GKAAAGAQAQAQLGEAAGPAETPAGTESPHSSASPCQEHKRGGLGELKGTPA
 AALSPPEPAPSPGQQQAAHLLGPPHHPGLPPEAHLKPEHHYAFNHPFSINNLMS

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SEQQHSHSHHHQPHKMDLKAYEQVMHYPGYGSPMPGSLAMGPVTNKTGLDASP
LAADTSYYQGVYSRPIMNSS


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	FOXA2 forkhead box A2 [Homo sapiens]
Official Symbol	FOXA2
Synonyms	FOXA2; forkhead box A2; hepatocyte nuclear factor 3, beta, HNF3B; hepatocyte nuclear factor 3-beta; HNF-3B; TCF-3B; HNF-3-beta; forkhead box protein A2; transcription factor 3B; hepatic nuclear factor-3-beta; hepatocyte nuclear factor 3, beta; HNF3B; TCF3B; MGC19807;
Gene ID	3170
mRNA Refseq	NM_021784
Protein Refseq	NP_068556

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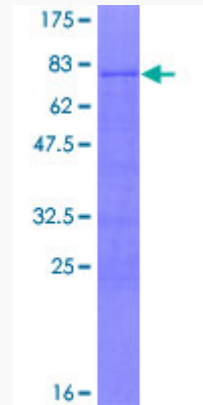
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MIM 600288

UniProt ID Q9Y261

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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