

Recombinant Human FOXA3 Protein, His-tagged

Cat. No. FOXA3-1511H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXA3 Protein (Met1-Leu207) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu207
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.1 kDa Accurate Molecular Mass: 26 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	FOXA3 forkhead box A3 [Homo sapiens (human)]
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

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UniProt ID

P55318

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