

CA1027	FOXA2	
	Recombinant Protein	
	Prod. No. S2101-20UG	
	<i>For Research Use Only Not intended for use in humans or animals</i>	
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Source	Human
Tested Applications	SDS-PAGE, WB, ELISA
Sequence	Full length
Epitope tag(s)	none

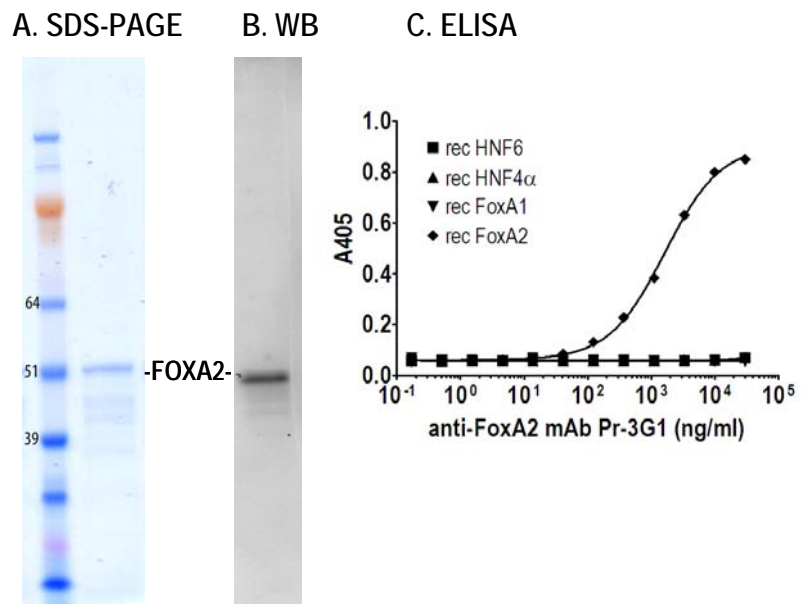
Background: FOXA2 is a member of the forkhead box family of DNA-binding proteins. FOXA2 is a hepatocyte nuclear factor (specifically, HNF-3 β) that is a transcriptional activator for liver-specific genes such as albumin. During embryonic development, FOXA2 expression is a marker for cells of the definitive (but not primitive) endoderm lineage.

Size: 20 μ g
Description: Recombinant full-length human FOXA2 protein
Expression: Recombinant protein was expressed in <i>E. coli</i> and refolded to soluble form.
Formulation: 244 μ g/ml (determined by Bradford assay) in 500 mM L-arginine, 300 mM guanidine-HCl, 50 mM HEPES, 5 mM cystamine, 5 mM cysteamine, 5 mM CaCl ₂ , 3 mM DTT, pH 7.5 Preservative: none
Purity: >90% by SDS-PAGE
Storage: Store at -80 °C. Avoid multiple freeze-thaws.
Alternative Names: forkhead box A2; hepatic nuclear factor-3-beta; HNF3 β ; MGC19807; TCF3B
Size: 457 residues; 48.3 kDa
Database Links: RefSeq Protein NP_068556.1 RefSeq Gene NM_021784.3 UniProt Q9Y261

Applications:

- (A) FOXA2 recombinant protein (1.5 μ g) was resolved by SDS-PAGE and stained with Coomassie dye.
 (B) Western blot detection of FOXA2 recombinant protein (75 ng) using 1 μ g/ml FOXA2 monoclonal antibody (PR-3G1).
 (C) Indirect ELISA detection of immobilized FOXA2 recombinant protein with titrated amounts of FOXA2 monoclonal antibody (PR-3G1).

Note: Representative data are shown (not Lot-specific).



Warranty: Each Lot has been verified to meet quality specifications in accordance with testing guidelines. We will replace the product if it does not conform to specifications. Product guaranteed for 6 months from date of purchase if stored as directed. This product must not be resold without written permission from Primorigen Biosciences.

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