Recombinant Human FOXC1 Protein, GST-tagged

Cat. No. FOXC1-4437H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOXC1 partial ORF (NP_001444.1, 74 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	KDMVKPPYSYIALITMAIQNAPDKKITLNGIYQFIMDRFPFYRDNKQGWQNSIRHNLS LNECFVKVPRDDKKPGKGSYWTLDPDSYNMFENGSFLRRRR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

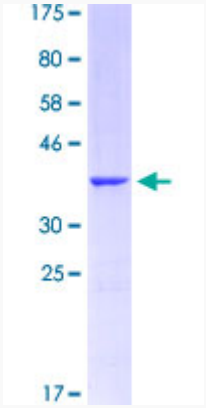
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FOXC1 forkhead box C1 [Homo sapiens]
Official Symbol	FOXC1
Synonyms	FOXC1; forkhead box C1; FKHL7, IRID1; forkhead box protein C1; ARA; FREAC3; IGDA; IHG1; myeloid factor-delta; forkhead-related activator 3; forkhead-related protein FKHL7; forkhead, drosophila, homolog-like 7; forkhead-related transcription factor 3; forkhead/winged helix-like transcription factor 7; FKHL7; IRID1; RIEG3; FREAC-3;
Gene ID	2296
mRNA Refseq	NM_001453
Protein Refseq	NP_001444
MIM	601090
UniProt ID	Q12948

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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