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Product datasheet for TP762353

FOXC1 (NM_001453) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human forkhead box C1 (FOXC1), Pro197-Gln306, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Pro197-Gln306) of FOXC1
Tag:	N-His
Predicted MW:	10.7 kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001444
Locus ID:	2296
UniProt ID:	Q12948, W6CJ52
RefSeq Size:	3452
Cytogenetics:	6p25.3
RefSeq ORF:	1659
Synonyms:	ARA; ASGD3; FKHL7; FREAC-3; FREAC3; IGDA; IHG1; IRID1; RIEG3

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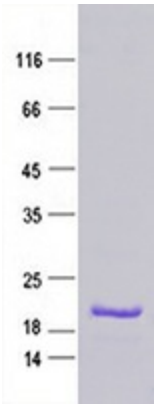
Summary: This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Purified recombinant protein FOXC1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.