

Recombinant Human FOXO1 Protein, GST-tagged

Cat. No. FOXO1-4469H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOXO1 partial ORF (NP_002006.2, 452 a.a. - 555 a.a.) recombinant protein with GST tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	452-555 a.a.
Description	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq]
Molecular Mass	37.07 kDa
AA Sequence	MSQYNCAPGLLKELLTSDSPPHNDIMTPVDPGVAQPNSRVLGQNVMMGPNSVMST YGSQASHNKMMNPSSHTHPGHAQQTSAVNGRPLPHTVSTMPHTSGMNRL
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	FOXO1 forkhead box O1 [Homo sapiens]
Official Symbol	FOXO1
Synonyms	FOXO1; forkhead box O1; FKHR, forkhead homolog in rhabdomyosarcoma, FOXO1A; forkhead box protein O1; FKH1; forkhead box protein O1A; forkhead, Drosophila, homolog of, in rhabdomyosarcoma; FKHR; FOXO1A;
Gene ID	2308
mRNA Refseq	NM_002015
Protein Refseq	NP_002006
MIM	136533
UniProt ID	Q12778

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