

Forkhead Box Protein O1 (FOXO1) Recombinant Protein | FOXO1 recombinant protein

Recombinant Forkhead Box Protein O1 (FOXO1)

CATALOG # AAA135463	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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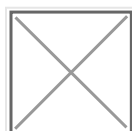
PRODUCT SYNONYMS

Forkhead Box Protein O1 (FOXO1); Recombinant Forkhead Box Protein O1 (FOXO1); FOXO1 recombinant protein

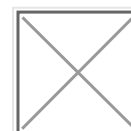
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequen ceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-RV QNEG TGKSSW WMLNPEGGKS GKSPRRRAAS MDNNSKFAKS RGRAAKKKAS LQSGQEGPGD SPGSQFSKWP ASPGSHSNDD FDNWSTFRPR TSSNASTISG RLSPIMTEQD DLGDGDVHSL VYPPSAAKMA STLPSLSEIS NPENMENLLD NLNLLSSPTS LTVSTQSSPG SMMQQTPCYS FAPPNTSLNS PSPNYSKYTY GQSSMSPLPQ MPMQTLQDSK SSYGGLNQYN CAPGLLKELL TSDSPP
Sequence Length	652
Applicable Applications for FOXO1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Arg222~Pro469 (Accession # Q9R1E0) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cytoplasm. Nucleus
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.8
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	34328255
NCBI GeneID	56458
NCBI Accession #	NP_062713.2
NCBI GenBank Nucleotide #	NM_019739.3
UniProt Accession #	Q9R1E0; Q9JJW4
Molecular Weight	30.4kDa
NCBI Official Full Name	forkhead box protein O1
NCBI Official Synonym Full Names	forkhead box O1
NCBI Official Symbol	Foxo1
NCBI Official Synonym Symbols	Afxh; FKHR; Fkhr1; Foxo1a; AI876417
NCBI Protein Information	forkhead box protein O1; forkhead box O1a; forkhead protein 1; forkhead box protein O1A; forkhead in rhabdomyosarcoma
UniProt Protein Name	Forkhead box protein O1
UniProt Gene Name	Foxo1
UniProt Synonym Gene Names	Fkhr; Foxo1a
UniProt Entry Name	FOXO1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/foxo1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135463>