

Recombinant Human FOXO3A protein, His-tagged

Cat. No. FOXO3A-2500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXO3A protein(325-673 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	325-673 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SPIMASTELDEVQDDDAPLSPMLYSSSASLSPSVSKPCTVELPRLTDMAGTMNLND GLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYTTKGSGGLSPTSSFNSTVFGP SSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLSHSDVMMMTQSDPLM SQASTAVSAQNSRRNVMLRNDPMMSFAAQPNGSLVNQNLLHHQHQTQGALGGS RALSNSVSNMGLSESSSLGSAKHQQQSPVSQSMQTLSDSLSGSSLYSTSANLPVM GHEKFPSDLDLDMFNGSLECDMESIIRSELMDADGLDFNFDSLSTQNVVGLNVGNF TGAQASSQSWVPG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name FOXO3 forkhead box O3 [Homo sapiens]

Official Symbol FOXO3A

Synonyms FOXO3; forkhead box O3; FKHRL1, FOXO3A; forkhead box protein O3; AF6q21; FOXO2; forkhead box O3A; forkhead in rhabdomyosarcoma-like 1; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1; FKHRL1; FOXO3A; FKHRL1P2; MGC12739; MGC31925; DKFZp781A0677;

Gene ID 2309

mRNA Refseq NM_001455.3

Protein Refseq NP_001446.1

MIM 602681

UniProt ID O43524

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