

Recombinant Human FOXO3 protein, His-SUMO-tagged

Cat. No. FOXO3-2928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXO3 protein(O43524)(372-673aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	372-673aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.1 kDa
AA Sequence	MAGTMNLDGLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYTTKGSGLGSP SSFNSTVFGPSSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLSHSD VMMTQSDPLMSQASTAVSAQNSRRNVMLRNDPMMMSFAAQPNQGSLVNQNLLHHQ HQTQGALGGSRALSNSVSNMGLSESSSLGSAKHQQQSPVSQSMQTLSDSLSGSSL YSTSANLPVMGHEKFPSDLDLDMFNGSLECDMESIIRSELMDADGLDFNFDSLSTQ NVVGLNVGNFTGAKQASSQSWVPG
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	FOXO3 forkhead box O3 [Homo sapiens]
Official Symbol	FOXO3
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
Protein Refseq	NP_001446
MIM	602681
UniProt ID	O43524

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