

## Recombinant Human FOXO3 protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FOXO3 protein(O43524)(372-673aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	372-673aa
<b>Form</b>	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.
<b>Molecular Mass</b>	48.1 kDa
<b>AA Sequence</b>	MAGTMNLDGLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYPTTKGSGGLGSPT SSFNSTVFGPSSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLSHSD VMMTQSDPLMSQASTAVSAQNSRRNVMLRNDPMMSFAAQPNNQGSVLNQNLLHHQ HQTQGALGGSRALNSNSVSNMGLSESSSLGSAKHQQQSPVVSQSMQTLSDSLSGSSL YSTSANLPVMGHEKFPSDLDLDMFNGLSECDMESIIRSELMDADGLDFNFDSLSTQ NVVGLNVGNFTGAKQASSQSWVPG
<b>Purity</b>	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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