

Recombinant Human FOXG1 protein, His-tagged

Cat. No. FOXG1-7654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXG1 protein(P55316)(1-489aa), fused with C-terminal His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	1-489aa
Tag	C-His
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	53.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MLDMGDRKEVKMIPKSSFSINSLVPEAVQNDNHHASHGHHNSHHPQH HHHHHHHHHH
 HHPPPPAPQPPPPPPQQQPPPPPPPPAPQPPQTRGAPAAADDDKGPQQLLLPPPPPP
 PPAAALDGAKADGLGGKGEPGGGPGELAPVGPDEKEKGAGAGGEEKKGAGEGGK
 DGEGGKEGEKNGKYEKPPFSYNALIMMAIRQSPEKRLTLNGIYEFIMKNFPYYREN
 KQGWQNSIRHNLSLNKCFVKVPRHYDDPGKGNYWMLDPSSDDVFIGGTTGKLRRR
 STTSRAKLAFKRGARLTSTGLTFMDRAGSLYWPMSPFLSLHHPRASSTLSYNGTTS
 AYP SHPMPYSSVLTQNSLGNNHSFSTANGLSVDRLVNGEIPYATHHLTAAALAASVP
 CGLSVPCSGTYSLNPCSVNLLAGQTSYFFPHVPHPSMTSQSSTSMSARAASSSTSP
 QAPSTLPCESLRPSLPSFTTGLSGGLSDYFTHQNQGSSSNPLIH

GENE INFORMATION

Gene Name

FOXG1 forkhead box G1 [Homo sapiens]

Official Symbol

FOXG1

Synonyms

FOXG1; forkhead box G1; FKH2, FKHL1, FKHL2, FKHL3, FKHL4, forkhead box G1A
 , forkhead box G1B , forkhead box G1C , FOXG1A, FOXG1B, FOXG1C; forkhead
 box protein G1; BF1; HBF 3; HFK1; HFK2; HFK3; QIN; oncogene QIN; brain factor 1;
 brain factor 2; forkhead-like 1; forkhead-like 2; forkhead-like 3; forkhead-like 4; BF2;
 FKH2; HBF2; KHL2; FHKL3; FKHL1; FKHL2; FKHL3; FKHL4; HBF-1; HBF-2; HBF-3;
 FOXG1A; FOXG1B; FOXG1C; HBF-G2;

Gene ID

2290

mRNA Refseq

NM_005249

Protein Refseq

NP_005240

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MIM	164874
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UniProt ID	P55316
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