

FOXM1 Protein, Human, Recombinant (His & Myc & SUMO)

General Information

Synonyms:	M-phase phosphoprotein 2;FOXM1;WIN;MPM-2 reactive phosphoprotein 2;MPP2;Forkhead box protein M1;HFH11;Forkhead-related protein FKHL16;Hepatocyte nuclear factor 3 forkhead homolog 11 (HFH-11;HNF-3/fork-head homolog 11);FKHL16;Winged-helix factor from INS-1 cells;Transcription factor Trident
Protein Construction:	235-327 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q08050
Molecular Weight:	31.2 kDa (predicted)
AA Sequence:	ERPPYSYAMIQFAINSTERKRMTLKDIIYTWIEDHFPYFKHIAKPGWKNSIRHNLSLHDMFVRETSANGKVSF WTIHPSANRYLTLTDQVFKPL

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Transcriptional factor regulating the expression of cell cycle genes essential for DNA replication and mitosis. Plays a role in the control of cell proliferation. Plays also a role in DNA breaks repair participating in the DNA damage checkpoint response.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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