



Recombinant Human FOXC1 Protein Product Manual

1. Product Basic Information

Product No.: REP06917

Protein Name: Freac-Forkhead Box C1 (FOXC1)

Aliases: ARA; IGDA; IHG1; ASGD3; FKHL7; IRID1; RIEG3; FREAC3; FREAC-forkhead box C1; myeloid factor-delta; forkhead box C1 protein; forkhead box protein C1

UniProt ID: Q12948

UniProt Link: <https://www.uniprot.org/uniprotkb/Q12948/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-553aa)

Molecular Weight: 62.8 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-553aa)

MQARYSVSSPNSLGVVPYLGGEQSYRRAAAAAAGGGYTAMPAPMSVYSHPAHAE
QYPGGMARAYGPYTPQPQPKDMVKPPYSYIALITMAIQNAPDKKITLNGIYQFIMDR
FPFYRDNKQGWQNSIRHNSLNECFVKVPRDDKKPGKGSYWTLPDPSYNTMFENG
SFLRRRRRFRKKKDAVKDKKEEKDRLHLKEPPPPGRQPPPPAPPEQADGNAPGPQPPP
VRIQDIKTENGTCPSPQPPLSPAAALGSGSAAAVPKIESPDSSSSSLSSGSSPPGSL
PSARPLSLDGADSAPPPAPSPAPPHHSQGFSVDNIMTSLRGSPQSAAAELSSGLL
ASAAASSRAGIAPPLALGAYSPGQSSLYSSPCSQTSSAGSSGGGGGGGAGAAGGA
GGAGTYHCNLQAMSLYAAGERGGHLQGAPGGAGGSAVDDPLPDYSLPPVTSSSS
SSLSHGGGGGGGGGGGQEAGHHPAAHQGRLTSWYLNQAGGDLGHLASAAAAAAA
AGYPGQQQNFHVSREMFESQRIGLNNSPVNGNSSCQMAFPSSQSLYRTSGAFVY
DCSKF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements)

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human FOXC1 full length protein (1-553aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FOXC1, also known as ARA or IGDA or IHG1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.