

ZNF75A Protein, Human, Recombinant (His)

General Information

Synonyms:	ZNF75A; Zinc Finger Protein 75A
Protein Construction:	Ser58-Lys162
Species:	Human
Expression Host:	E. coli
Accession:	Q96N20
Molecular Weight:	14 KDa (reducing condition)
AA Sequence:	Ser58-Lys162

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:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing PBS, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

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

Zinc Finger Protein 75A (ZNF75A) is a member of krueppel C2H2-type zinc-finger protein family. The human ZNF75 gene is located on Xq26, which has only limited homology (less than 65%) to other ZF genes in the databases. One of these, ZNF75B is a pseudogene mapped to chromosome 12q13. The other two, ZNF75A and ZNF75C, maintain an ORF in the sequenced region, and at least the latter is expressed in the U937 cell line. ZNF75A contains five C2H2-type zinc fingers and one KRAB domain. ZNF75A is a nucleus protein, may involves in transcriptional

regulation.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481