

Recombinant Human TGIF2LX Protein Product Manual

1. Product Basic Information

Product No.: REP08437

Protein Name: Tgif-Like On The Homeobox Protein Tgif2Lx (TGIF2LX)

Aliases: TGIF-like on the homeobox protein TGIF2LX; TGFB-induced factor 2-like, X-linked; TGFB induced factor homeobox 2 like X-linked; TGFB-induced factor 2-like protein, X-linked

UniProt ID: Q8IUE1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8IUE1/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-241aa)

Molecular Weight: 42.7kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-241aa)

MEAAADGPAETQSPVEKDSPAQTQSPAQDTSIMSRNNADTGRVLALPEHKKKRKG
NLPAESVKILRDWMYKHRFKAYPSEEEKQMLSEKTNLSLLQISNWFNARRRILPDM
LQQRNDPIIGHKTGKDAHATHLQSTEASVPAKSGPSGPDNVQSLPLWPLPKGQM
SREKQPDPEAPSQKLTGIAQPKKKVKVSVTSPSSPELVSPPEHADFSFLLLVDAA
VQRAAELELEKKQEPNP

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 when placing orders).

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

4. Storage Conditions



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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 TGIF2LX full length protein (1-241aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. TGIF2LX, also known as TGIF-like on the homeobox protein TGIF2LX or TGFB-induced factor 2-like, X-linked or TGFB induced factor homeobox 2 like X-linked, 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.