



Recombinant Bovine B4GALT1 Protein Product Manual

1. Product Basic Information

Product No.: REP06238

Protein Name: Nal Synthase (B4GALT1)

Aliases: GT1; GTB; CDG2D; GGTB2; CLDLFIB; B4GAL-T1; beta4Gal-T1; nal synthase; beta-1,4-GalTase lactose synthase A protein; N-acetyllactosamine synthase

UniProt ID: P15291

UniProt Link: <https://www.uniprot.org/uniprotkb/P15291/entry>

Species Source: Bos taurus (Bovine)

Expression System: Yeast

Protein Length: Cytoplasmic Domain (1-24aa)

Molecular Weight: 29.5 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-24aa)

MKFREPLLGGSAAMPGASLQRACR

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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



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This product is a recombinant Bovine B4GALT1 cytoplasmic domain protein (1-24aa) expressed in Yeast. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. B4GALT1, also known as GT1 or GTB or CDG2D, 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.