



Recombinant Human GSTT1 Protein Product Manual

1. Product Basic Information

Product No.: REP07052

Protein Name: Gst Class-Theta-Glutathione Transferase T1-Glutathione S-Transferase Theta Glutathione S-Transferase Theta-1 (GSTT1)

Aliases: GST class-theta-glutathione transferase T1-glutathione S-transferase theta glutathione S-transferase theta-1

UniProt ID: P30711

UniProt Link: <https://www.uniprot.org/uniprotkb/P30711/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-240aa)

Molecular Weight: 34.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-240aa)

GLELYLDLLSQPCRAVYIFAKKNDIPFELRIVDLIKGQHLSDAFAQVNPLKKVPALKD
GDFTLTESVAILLYLTRKYKVPDYWYPQDLQARARVDEYLAWQHHTLRRSCLRALW
HKVMFPVFLGEPVSPQTLAATLAELDVTQLLEDKFLQNKAFLTGPHISLADLVAITE
LMHPVGAGCQVFEGRPKLATWRQRVEAAVGEDLFQEAHEVILKAKDFPPADPTIKQ
KLMPWVLAMIR

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

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 GSTT1 full length of mature protein protein (2-240aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. GSTT1, also known as GST class-theta-glutathione transferase T1-glutathione S-transferase theta glutathione S-transferase theta-1, 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.