



Recombinant Human GPI Protein Product Manual

1. Product Basic Information

Product No.: REP07021

Protein Name: Sperm Antigen-36 (GPI)

Aliases: AMF; NLK; PGI; PHI; GNPI; SA36; SA-36; CNSHA4; neuroleukin; oxoisomerase; sperm antigen-36; phosphohexomutase; phosphosaccharomutase; phosphohexose isomerase; phosphoglucose isomerase; autocrine motil...

UniProt ID: P06744

UniProt Link: <https://www.uniprot.org/uniprotkb/P06744/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (2-554aa)

Molecular Weight: 66.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-554aa)

AALTRDPQFQKLQQWYREHRSELNLRRLFDANKDRFNHFSLTNTNHGHILVDYSK
NLVTEDVMRMLVDLAKSRGVEAARERMFNGEKINYTEGRAVLHVALRNRSNTPILV
DGKDVMPEVNKVLDMKSFCQVRVSGDWKGYTGKTITDVINIGIGGSDLGPLMVTE
ALKPYSSGGPRVWYVSNIDGTHIAKTLAQLNPESLFIASKTFTTQETITNAETAKE
WFLQAAKDPSAVAKHFVALSTNTTKVKEFGIDPQNMFEFWDWVGGRYSLWSAIGL
SIALHVGFDNFEQLLSGAHWMDQHFRTTPLEKNAPVLLALLGIWYINCFGCETHAML
PYDQYLHRFAAYFQQGDMESNGKYITKSGTRVDHQTGPIVWGEPGTNGQHAFYQL
IHQGTKMIPCDFLIPVQTQHPIRKGLHHKILLANFLAQTEALMRGKSTEEARKELQAA
GKSPEDLERLLPHKVFEGRNPTNSIVFTKLTPFMLGALVAMYEHKIFVQGIWDINSF
DQWGVELGKQLAKKIEPELDGSAQVTSHDASTNGLINFIKQQRE

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).

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 GPI partial protein (2-554aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. GPI, also known as AMF or NLK or PGI, 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.