



Recombinant Human ITGA4 Protein Product Manual

1. Product Basic Information

Product No.: REP07253

Protein Name: 269C Wild Type (ITGA4)

Aliases: IA4; CD49D; 269C wild type; integrin alpha-integrin alpha-IV; VLA-4 subunit alpha; antigen CD49D, alpha-4 subunit of VLA-4 receptor

UniProt ID: P13612

UniProt Link: <https://www.uniprot.org/uniprotkb/P13612/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (376-558aa)

Molecular Weight: 51.5 kDa

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

2. Amino Acid Sequence (376-558aa)

GDIDNDGFEDVAIGAPQEDDLQGAIYIYNGRADGISSTFSQRIEGLQISKSLSMFGQS
ISGQIDADNNGYVDVAVGAFRSDSAVLLRTRPVVIVDASLSHPESVNRTKFDCVENG
WPSVCIDLTLCFSYKGKEVPGYIVLFYNMSLDVNRKAESPFRFYFSSNGTSDVITGSI
QVSSREANCR

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



5. Product Description

This product is a recombinant Human ITGA4 partial protein (376-558aa) expressed in E.coli. The protein is with 6xHis-GST tag at the N-terminus, which facilitates protein purification, detection and identification. ITGA4, also known as IA4 or CD49D or 269C wild type, 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.