



Recombinant Human ITGB6 Protein Product Manual

1. Product Basic Information

Product No.: REP07260

Protein Name: Integrin Beta-Integrin, Beta Integrin Subunit Beta 6 (ITGB6)

Aliases: integrin beta-integrin, beta integrin subunit beta 6

UniProt ID: P18564

UniProt Link: <https://www.uniprot.org/uniprotkb/P18564/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Partial (22-707aa)

Molecular Weight: 76.1 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (22-707aa)

GCALGGAETCEDCLLIGPQCAWCAQENFTHPSGVGERCDTPANLLAKGCQLNFIE
NPVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRPGGAQTLQVHVRQTEDYPV
DLYYLMDSLASMDDDLNTIKELGSRLSKEMSKLTSNFRLGFGSFVEKPVSPFVKTP
EEIANPCSSIPYFCLPTFGFKHILPLTND AERFNEIVKNQKISANIDTPEGGFDAIMQA
AVCKEKIGWRNDSLHLLVFVSDADSHFGMDSKLAGIVIPNDGLCHLDSKNEYSMST
VLEYPTIGQLIDKLVQNNVLLIFAVTQEQVHLYENYAKLIPGATVGLLQKDSGNILQLII
SAYEELRSEVELEVLGDT EGNLSFTAICNNGTLFQHQKKCSHMKVGDTASF SVTV
NIPHCERRSRHIIKPVGLGDALELLVSPECNCDQCQKEVEVNSSKCHHGNGSFQCG
VCACHPGHMGPRCECGEDMLSTDSCKEAPDHPSCSGRGDCYCGQCICHLSPYGN
IYGPYCQCDNFSCVRHKGLLCGGNGDCDCGECVCRSGWTGEYCNCTTSTDSCVS
EDGVLCSGRGDCVCGKCVCTNPGASGPTCERCPTCGDPCNSKRSCIECHLSAAG
QAREECVDKCKLAGATISEEEDFSKDGSVSCSLQGENECLITFLITTDNEGKTIHSIN
EKDCPKPPN

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)

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 ITGB6 partial protein (22-707aa) expressed in Yeast. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ITGB6, also known as integrin beta-integrin, beta integrin subunit beta 6, 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.