

Recombinant Human ITGB4 Protein, GST-tagged

Cat. No. ITGB4-4972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGB4 partial ORF (NP_000204, 28 a.a. - 137 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	NRCKKAPVKSCTECVRVKDKCAYCTDEMFRDRRCNTQAELLAAGCQRESIVVMES SFQITEETQIDTTLRRSQMSPQGLRVRLRPGEERHFELEVFEPLSPVDLYILMD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

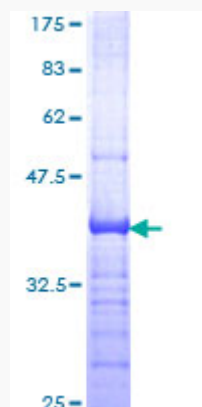
	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ITGB4 integrin, beta 4 [Homo sapiens]
Official Symbol	ITGB4
Synonyms	ITGB4; integrin, beta 4; integrin beta-4; CD104; GP150; CD104 antigen; integrin beta-4 subunit;
Gene ID	3691
mRNA Refseq	NM_000213
Protein Refseq	NP_000204
MIM	147557
UniProt ID	P16144

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA