

Recombinant Human ITGB4 Protein, MYC/DDK-tagged

Cat. No. ITGB4-2650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	199.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	ITGB4 integrin, beta 4 [Homo sapiens]
Official Symbol	ITGB4
Synonyms	CD104; GP150
Gene ID	3691
mRNA Refseq	NM_000213
Protein Refseq	NP_000204
MIM	147557
UniProt ID	P16144

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