

Recombinant Human ITGB8 Protein, GST-tagged

Cat. No. ITGB8-4964H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGB8 partial ORF (NP_002205, 392 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the integrin beta chain family and encodes a single-pass type I membrane protein with a VWFA domain and four cysteine-rich repeats. This protein noncovalently binds to an alpha subunit to form a heterodimeric integrin complex. In general, integrin complexes mediate cell-cell and cell-extracellular matrix interactions and this complex plays a role in human airway epithelial proliferation. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Molecular Mass	38.06 kDa
AA Sequence	VENQVQGIYFNITAICPDGSRKPGMEGCRNVTSNDEVLFNVTVTMKKCDVTGGKNY AIIKPIGFNETAKIHIHRNCSCQCEDNRGPKGKCVDETFLDSKCFQCDE NKCHFDE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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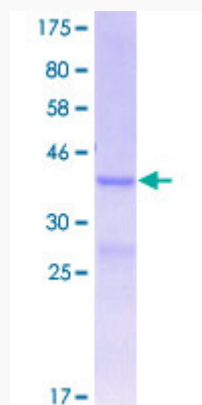
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ITGB8 integrin, beta 8 [Homo sapiens]
Official Symbol	ITGB8
Synonyms	ITGB8; integrin, beta 8; integrin beta-8;
Gene ID	3696
mRNA Refseq	NM_002214
Protein Refseq	NP_002205
MIM	604160
UniProt ID	P26012

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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