

## Recombinant Human ITGB8 Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human ITGB8 partial ORF ( NP_002205, 392 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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]
<b>Molecular Mass</b>	38.06 kDa
<b>AA Sequence</b>	VENQVQGIYFNITAICPDGSRKPGMEGCRNVTSNDEVLFNVTVTMKKCDVTGGKNY AIIKPIGFNETAKIHIHRNCSCQCEDNRGPKGKCVDETFLDKCFQCDEKCHFDE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

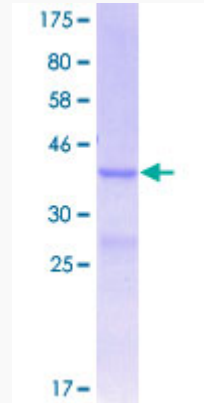
<b>Gene Name</b>	ITGB8 integrin, beta 8 [ Homo sapiens ]
<b>Official Symbol</b>	ITGB8
<b>Synonyms</b>	ITGB8; integrin, beta 8; integrin beta-8;
<b>Gene ID</b>	3696
<b>mRNA Refseq</b>	NM_002214
<b>Protein Refseq</b>	NP_002205
<b>MIM</b>	604160
<b>UniProt ID</b>	P26012

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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