Recombinant Human ITGB8 Protein, His-tagged

Cat. No. ITGB8-255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB8(Cys471~Thr629) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys471~Thr629
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

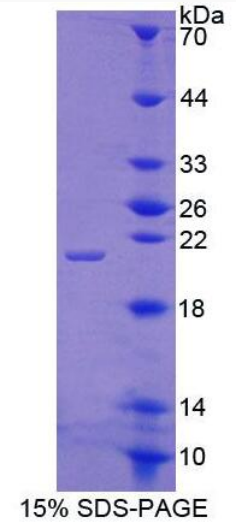
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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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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15% SDS-PAGE

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