

Recombinant Human ITGBL1 293 Cell Lysate

Cat. No. ITGBL1-5120HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for integrin, beta-like 1 (with EGF-like repeat domains) (ITGBL1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

ITGBL1 integrin, beta-like 1 (with EGF-like repeat domains) [Homo sapiens]

Official Symbol

ITGBL1

Synonyms

ITGBL1; integrin, beta-like 1 (with EGF-like repeat domains); integrin beta-like protein 1; integrin beta like 1; OSCP; ten integrin EGF like repeat domains protein; TIED; osteoblast-specific cysteine-rich protein; ten integrin EGF-like repeat domains protein; ten integrin EGF-like repeat domain-containing protein;

Gene ID

9358

mRNA Refseq

NM_004791

Protein Refseq

NP_004782

MIM

604234

UniProt ID

O95965

Chromosome Location

13q33

Function

binding; receptor activity;

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