

Recombinant Human ITGAD Protein, GST-tagged

Cat. No. ITGAD-4991H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGAD partial ORF (NP_061194, 112 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene belongs to the beta-2 integrin family of membrane glycoproteins, which are composed of non-covalently linked alpha and beta subunits to form a heterodimer. It encodes the alpha subunit of the cell surface heterodimers and is involved in the activation and adhesion functions of leukocytes. The gene is located about 11kb downstream of the integrin subunit alpha X gene, another member of the integrin family. It is expressed in the tissue and circulating myeloid leukocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Molecular Mass	36.96 kDa
AA Sequence	RVCGENSYSKGSCLLGSRWEIIQTPDATPECPHQEMDIVFLIDGSGSIDQNDFNQ MKG FVQAVMGQFEGTDTLFALMQYSNLLKIHFTFTQFRTSPSQQS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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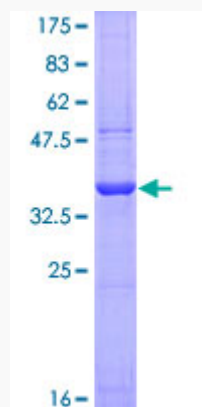
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ITGAD integrin subunit alpha D [Homo sapiens (human)]
Official Symbol	ITGAD
Synonyms	ITGAD; integrin subunit alpha D; ADB2; CD11D; integrin alpha-D; CD11 antigen-like family member D; beta-2 integrin alphaD subunit; leukointegrin alpha D
Gene ID	3681
mRNA Refseq	NM_001318185
Protein Refseq	NP_001305114
MIM	602453
UniProt ID	Q13349

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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