

Recombinant Full Length Human PILRB Protein, GST-tagged

Cat. No. PILRB-636HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PILRB(1 a.a. - 227 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	227 amino acids
Description	The paired immunoglobulin-like type 2 receptors consist of highly related activating and inhibitory receptors that are involved in the regulation of many aspects of the immune system. The paired immunoglobulin-like receptor genes are located in a tandem head-to-tail orientation on chromosome 7. This gene encodes the activating member of the receptor pair and contains a truncated cytoplasmic tail relative to its inhibitory counterpart (PILRA), that has a long cytoplasmic tail with immunoreceptor tyrosine-based inhibitory (ITIM) motifs. This gene is thought to have arisen from a duplication of the inhibitory PILRA gene and evolved to acquire its activating function.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.71 kDa
AA Sequence	MGRPLLLPLL LLLQPPAFLQ PGGSTGSGPS YLYGVTQPKH LSASMGGGSVE IPFSFYYPWE LAIVPNVRIS WRRGHFHGQS FYSTRPPSIH KDYVNRLFLN WTEGQESGFL RISNLRKEDQ SVYFCRVELD TRRSGRQQLQ SIKGTKLTIT

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QAVTTTTTWR PSSTTTIAGL RVTESKGHSE SWHLSLDTAI RVALAVAVLK
TVILGLLCLL LLWWRRRKGS RAPSSDF

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

PILRB paired immunoglobulin-like type 2 receptor beta [Homo sapiens]

Official Symbol

PILRB

Synonyms

PILRB; paired immunoglobulin-like type 2 receptor beta; paired immunoglobulin-like type 2 receptor beta; FDFACT1; FDFACT2; activating receptor PILRbeta; cell surface receptor FDFACT; activating receptor PILR-beta; cell surface receptor FDFACT1; cell surface receptor FDFACT2; paired immunoglobulin-like receptor beta; paired immunoglobulin-like receptor beta

Gene ID

29990

mRNA Refseq

NM_178238

Protein Refseq

NP_839956

MIM

605342

UniProt ID

Q9UKJ0

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