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 immunoglobin-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 LSASMGGSVE 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 immunoglobin-like type 2 receptor beta [Homo sapiens]
Official Symbol	PILRB
Synonyms	PILRB; paired immunoglobin-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 immunoglobin-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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