

Recombinant Mouse IL1RL2 Protein (22-338 aa), His-tagged

Cat. No. IL1RL2-1983M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL1RL2 Protein (22-338 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	22-338 aa
Description	Receptor for interleukin-36 (IL36A, IL36B and IL36G). After binding to interleukin-36 associates with the coreceptor IL1RAP to form the interleukin-36 receptor complex which mediates interleukin-36-dependent activation of NF-kappa-B, MAPK and other pathways. The IL-36 signaling system is thought to be present in epithelial barriers and to take part in local inflammatory response; it is similar to the IL-1 system. Seems to be involved in skin inflammatory response by induction of the IL-23/IL-17/IL-22 pathway.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.0 kDa
AA Sequence	DTCEDIFMHNVIISEGQPFNFCTYPETNGAVNLTWYKTPSKSPVSNNRHLRVHQD QTWILFLPLTLEDSGIYQCVIRNAHNCYQIAVNLTVLKNHWCDSSMEGSPVNSPDVY QQILPIGKSGSLNCHLYFPESCALDSIKWYKGCEEIKAGKKYSPSGAKLLVNNVAVED

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GGSYAC SARLTHLGRHFTIRNYIAVNTKEVEYGRRI PNITYPKNNSIEVPLGSTLIVNC
NITDTKENTNLRCWRVNNTLVDDYYKDSKRIQEG IETNVSLRDQIRYTVNITFLKV KM
EDYGRPF TCHAGVSAAYIILIYPVPDFR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [IL1rl2 interleukin 1 receptor-like 2 \[Mus musculus \]](#)

Official Symbol [IL1RL2](#)

Synonyms IL1RL2; IL1R-rp2; AI481289; AW551444; IL-1Rrp2;

Gene ID [107527](#)

mRNA Refseq [NM_133193](#)

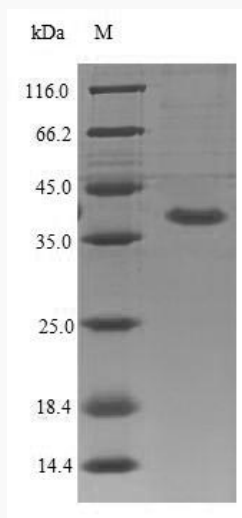
Protein Refseq [NP_573456](#)

UniProt ID [Q9ERS7](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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