

Product datasheet

Recombinant Human IL-18R Beta/IL-18RAP protein ab191972

Description

Product name	Recombinant Human IL-18R Beta/IL-18RAP protein
Purity	> 95 % SDS-PAGE. Purity greater than 95% as determined by RP-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>O95256</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	FNISGCSTKLLWYSTRSEEEFVLFCDLPEPQKSHFCHR NRLSPKQVPE HLPFMGSNDLSDVQWYQQPSNGDPLEDIRKSYPHIQDKC TLHFLTPGVN NSGSYICRPKMIKSPYDVACCVKMILEVKPQTNASCEYSA SHKQDLLLGS TGSISCP SLSCQSDAQSPAVTWYKNGKLLSVERSNRIVD EYDYHQGTY VCDYTQSDTVSSWTVRAVVQVRTIVGDTKLKPDILDPVED TLEVELGKPL TISCKARFGFERVFNPKWYKDSLEWEVSVPEAKSIKS TLKDEIIER NILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKRVDDH HHHH
Predicted molecular weight	39 kDa including tags
Amino acids	20 to 356
Tags	His tag C-Terminus
Additional sequence information	Extracellular domain.

Specifications

Our **Abpromise guarantee** covers the use of **ab191972** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilized
Additional notes	This product was previously labelled as IL-18R Beta

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS Lyophilized from a 0.2 µM filtered solution.
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General Info

Function	Required for the high affinity binding of interleukin 18 (IL-18) to its receptor complex (By similarity). Together with IL18R1 mediates IL-18-dependent activation of NF-kappa-B and JNK.
Tissue specificity	Strongly expressed in peripheral blood leukocytes, spleen, lung, and, to a lesser extent, in colon, but not in any other tissue tested. Strongly expressed in T-cells polarized with IL-12. Specifically coexpressed with IL18R1 in Th1 cells.
Sequence similarities	Belongs to the interleukin-1 receptor family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
Cellular localization	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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