

Recombinant Rat IL1RN Protein, His-tagged

Cat. No. IL1RN-103R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL1RN Protein, fused to His-tag, was expressed in HEK293.
Species	Rat
Source	HEK293
Description	Enables interleukin-1 receptor binding activity. Involved in several processes, including cellular response to norepinephrine stimulus; chronic inflammatory response to antigenic stimulus; and fever generation. Located in extracellular space. Used to study adult respiratory distress syndrome; anti-basement membrane glomerulonephritis; hypertension; silicosis; and transient cerebral ischemia. Biomarker of encephalitis and pneumonia. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); eye disease (multiple); kidney failure (multiple); lung disease (multiple); and vascular disease (multiple). Orthologous to human IL1RN (interleukin 1 receptor antagonist).
Form	PBS, pH 7.4.
Molecular Mass	18.2 kDa
AA Sequence	HPAGKRPCCKMQAFRIWDTNQKTFYLRNNQLIAGYLQGPNTKLEEKIDMVPIDFRNVF LGIHGGKLCLSCVKSGDDTKLQLEEVNITDLNKNKEEDKRFTFIRSETGPTTSFESLA CPGWFLCTTLEADHPVSLTNTPKPECTVTKFYFQEDQHHHHHH
Purity	>90%

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Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.63 mg/ml

GENE INFORMATION

Gene Name Il1rn interleukin 1 receptor antagonist [Rattus norvegicus (Norway rat)]

Official Symbol IL1RN

Synonyms IL-1ra

Gene ID 60582

mRNA Refseq NM_022194

Protein Refseq NP_071530

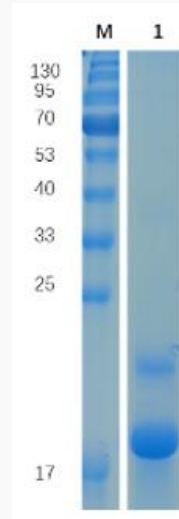
UniProt ID P25086

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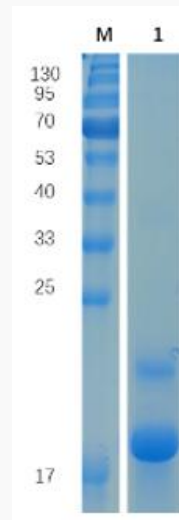
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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified Rat IL1RN (CBB stained).

WB



Reducing 12% wb analysis profile of purified Rat IL1RN (primary antibody: mouse Anti-His antibody).

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