

Mouse IL-1R3/IL-1 RAcP Protein

Cat. No. IL1-MM1R3

Description

Source	Recombinant Mouse IL-1R3/IL-1 RAcP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser21-Thr367.
Accession	Q61730-1
Molecular Weight	The protein has a predicted MW of 41.1 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

Formulation and Storage

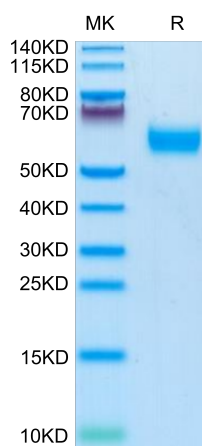
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Interleukin (IL)-1R3 is the co-receptor in three signaling pathways that involve six cytokines of the IL-1 family (IL-1 α , IL-1 β , IL-33, IL-36 α , IL-36 β and IL-36 γ). In many diseases, multiple cytokines contribute to disease pathogenesis. For example, in asthma, both IL-33 and IL-1 are of major importance, as are IL-36 and IL-1 in psoriasis.

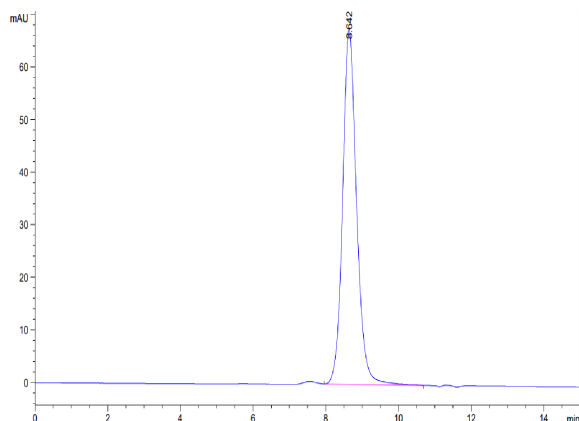
Assay Data

Bis-Tris PAGE



Mouse IL-1R3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse IL-1R3 is greater than 95% as determined by SEC-HPLC.