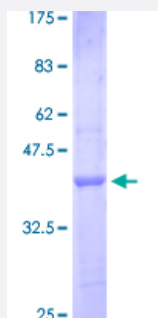


IL1RAPL1 (Human) Recombinant Protein (Q01)

Catalog # H00011141-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL1RAPL1 partial ORF (NP_055086.1, 151 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FEKAELSKSKEISCRDIEDFLLP TREPEILWYKECRTKTWRPSIVFKRDTLLIREVREDDIGNYTCEL KYGGFVVRRTTELTVTAPLTDKPPKLLYPMES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL1RAPL1

Entrez GeneID [11141](#)

GeneBank Accession# [NM_014271](#)

Protein Accession# [NP_055086.1](#)

Gene Name IL1RAPL1

Gene Alias IL1R8, IL1RAPL, MRX10, MRX21, MRX34, OPHN4, TIGIRR-2

Gene Description interleukin 1 receptor accessory protein-like 1

Omim ID [300143](#) [300206](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. It is most closely related to interleukin 1 receptor accessory protein-like 2 (IL1RAPL2). This gene and IL1RAPL2 are located at a region on chromosome X that is associated with X-linked non-syndromic mental retardation. Deletions and mutations in this gene were found in patients with mental retardation. This gene is expressed at a high level in post-natal brain structures involved in the hippocampal memory system, which suggests a specialized role in the physiological processes underlying memory and learning abilities. [provided by RefSeq]

Other Designations OTTHUMP00000023097|X-linked interleukin-1 receptor accessory protein-like 1|interleukin 1 receptor-8|mental retardation, X-linked 10|oligophrenin-4|three immunoglobulin domain-containing IL-1 receptor-related 2

Disease

- [Autistic Disorder](#)
- [Avoidance Learning](#)

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Intelligence Tests](#)
- [Memory](#)
- [Mental Retardation](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)