



Recombinant Protein Technical Manual

Recombinant Human ILR9/IL1RAPL2 Protein (His Tag)(Active)
RPES1324

Product Data:

Product SKU: RPES1324

Size: 100µg

Species: Human

Expression host: HEK293 Cells

Uniprot: NP_059112.1

Protein Information:

Molecular Mass: 40.7 kDa

AP Molecular Mass: 50-55 kDa

Tag: C-His

Bio-activity: Measured by its ability to bind biotinylated human IL1α in functional ELISA.

Purity: > 98 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application: Functional ELISA

Synonyms: ILR9;IL1R9;IL1RAPL-2;TIGIRR

Immunogen Information:

Sequence: Met 1-Glu 356

Background:

X-linked interleukin receptor accessory protein-like 2 (IL1RAPL2) or Interleukin receptor 9 (ILR9) is a member of the interleukin 1 receptor family. This protein is similar to the interleukin 1 accessory proteins. ILR9/IL1RAPL2 shows restricted expression in fetal brain and is highly homologous to IL1RAPL, which is reportedly involved in nonsyndromic X-linked mental retardation. ILR9/IL1RAPL2 is highly homologous to ILR8. Both forms have no known ligands and receptor are found in the fetal brain. ILR9/IL1RAPL2 may function as a negative receptor. Both IL1RAPL1 and IL1RAPL2 have novel C-terminal sequences not present in other related proteins. ILR9/IL1RAPL2 may be strong candidates for X-linked non-syndromic mental retardation loci, and that molecules resembling IL and IL8 play a role in the development or function of the central nervous system.