Recombinant Human IL-1R8/IL1RAPL1 Protein (His Tag)

Catalog Number: PKSH033634

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

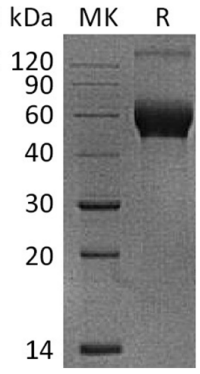
Description

Species	Human
Source	HEK293 Cells-derived Human IL-1R8;IL1RAPL1 protein Leu19-Val360, with an C-terminal His
Calculated MW	40 kDa
Observed MW	50-60 kDa
Accession	Q9NZN1
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-1 receptor accessory protein-like 1; also known as IL1RAPL1; can be detected at low levels in heart; skeletal muscle; ovary; skin; amygdala; caudate nucleus; corpus callosum; hippocampus; substantia nigra and thalamus. IL1RAPL1 functions as a homodimer; it interacts with NCS1; PTPRD. This interaction is PTPRD-splicing-dependent and induces pre- and post-synaptic differentiation of neurons and is required for IL1RAPL1-mediated synapse formation. During dendritic spine formation; it can bidirectionally induce pre- and post-synaptic differentiation of neurons by trans-synaptically binding to PTPRD.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com