

IL-1R9/IL1RAPL2 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P73151
Synonyms:	X-linked interleukin-1 receptor accessory protein-like 2; IL1RAPL-2; IL-1R9
Species:	Human
Source:	HEK293
Accession:	Q9NP60 (T17-K354)
Gene ID:	26280
Molecular Weight:	75-95 kDa

PROPERTIES

AA Sequence

T N L K M V S K R N	S V D G C I D W S V	D L K T Y M A L A G	E P V R V K C A L F
Y S Y I R T N Y S T	A Q S T G L R L M W	Y K N K G D L E E P	I I F S E V R M S K
E E D S I W F H S A	E A Q D S G F Y T C	V L R N S T Y C M K	V S M S L T V A E N
E S G L C Y N S R I	R Y L E K S E V T K	R K E I S C P D M D	D F K K S D Q E P D
V V W Y K E C K P K	M W R S I I I Q K G	N A L L I Q E V Q E	E D G G N Y T C E L
K Y E G K L V R R T	T E L K V T A L L T	D K P P K P L F P M	E N Q P S V I D V Q
L G K P L N I P C K	A F F G F S G E S G	P M I Y W M K G E K	F I E E L A G H I R
E G E I R L L K E H	L G E K E V E L A L	I F D S V V E A D L	A N Y T C H V E N R
N G R K H A S V L L	R K K D L I Y K		

Biological Activity Measured by its ability to bind Human IL-1 alpha in functional ELISA.

Appearance Lyophilized powder

Formulation Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH₂O.

Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background Interleukin-1 (IL-1) is a receptor that mediates gene expression for the synthesis of proteins associated with inflammation.

The IL1RAPL2 protein is a member of the interleukin-1 receptor family and is similar to interleukin-1 receptor helper protein-like 1 (IL1RAPL1). IL-1 plays a key role in the pathogenesis of polymyositis and dermatomyositis. IL1RAPL2 is associated with non-syndromic X-linked mental retardation. IL1RAPL2 is specifically expressed in the nervous system and is a candidate gene for central nervous system diseases^{[1][2][3][4]}.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA