

## ST2/IL1RL1 Protein, Human (310a.a, HEK293, His)

Cat. No.:	HY-P70615
Synonyms:	Interleukin-1 receptor-like 1; Protein ST2; DER4; ST2; T1
Species:	Human
Source:	HEK293
Accession:	Q01638-2 (K19-F328)
Gene ID:	9173
Molecular Weight:	52-60 kDa

### PROPERTIES

AA Sequence	<pre> K F S K Q S W G L E   N E A L I V R C P R   Q G K P S Y T V D W   Y Y S Q T N K S I P T Q E R N R V F A S   G Q L L K F L P A A   V A D S G I Y T C I   V R S P T F N R T G Y A N V T I Y K K Q   S D C N V P D Y L M   Y S T V S G S E K N   S K I Y C P T I D L Y N W T A P L E W F   K N C Q A L Q G S R   Y R A H K S F L V I   D N V M T E D A G D Y T C K F I H N E N   G A N Y S V T A T R   S F T V K D E Q G F   S L F P V I G A P A Q N E I K E V E I G   K N A N L T C S A C   F G K G T Q F L A A   V L W Q L N G T K I T D F G E P R I Q Q   E E G Q N Q S F S N   G L A C L D M V L R   I A D V K E E D L L L Q Y D C L A L N L   H G L R R H T V R L   S R K N P S K E C F           </pre>
Biological Activity	<p>1. Measured in a cell proliferation assay using A549 cells. The ED<sub>50</sub> for this effect is 0.7922 ng/mL in the presence of 10 ng/mL recombinant mouse IL-33, corresponding to a specific activity is 1.2623×10<sup>6</sup> units/mg.</p> <p>2. Measured by its ability to bind human IL33 in functional Elisa.</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4 or PBS, pH 7.4.
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 ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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

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

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