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# Interleukin 11 Receptor, alpha Chain 1 (IL11RA1) (AA 24-371) protein (His tag)



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| Quantity:                     | 1 mg   |
|-------------------------------|--|
| Target:                       | Interleukin 11 Receptor, alpha Chain 1 (IL11RA1) |
| Protein Characteristics:      | AA 24-371  |
| Origin:                       | Rat  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                      |
| Purification tag / Conjugate: | His tag  |
| Application:                  | ELISA  |

| Product Details  |  |
|------------------|--|
| Sequence:        | TPCPQAW GPPGVQYGQP GRPVMLCCPG VNAGTPVSWF RDGDSRLLQG PDSGLGHRLV                                   |
|                  | LAQVDSRDEG TYVCRTLDGV FGGMVTLKLG SPPARPEVSC QAVDYENFSC TWSPGRVSGL                                |
|                  | PTRYLTSYRK KTLPGAESQR ESPSTGPWPC PQDPLEASRC VVHGAEFWSE YRINVTEVNP                                |
|                  | LGASTCLLDV RLQRILRPDP PQGLRVESVP GYPRRLHASW TYPASWRRQP HFLLKFRLQY                                |
|                  | RPAQHPAWST VEPIGLEELI TDAVAGLPHA VRVSARDFLD AGTWSAWSPE AWGTPSTGPL                                |
|                  | RDEVPDGSRG HEQKLEAAAQ EDSPAPPSPS LQPDPRPLDH RDPLEQVAVL A   |
| Specificity:     | Rattus norvegicus (Rat)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien |
|                  | cells or by baculovirus infection. Be aware about differences in price and lead time.            |
| Purity:          | > 90 %   |

### **Target Details**

| Target:           | Interleukin 11 Receptor, alpha Chain 1 (IL11RA1)                   |  |
|-------------------|--|--|
| Alternative Name: | Interleukin-11 receptor subunit alpha (II11ra1) (IL11RA1 Products) |  |
| Background:       | Recommended name: Interleukin-11 receptor subunit alpha.           |  |
|                   | Short name= IL-11 receptor subunit alpha.                          |  |
|                   | Short name= IL-11R subunit alpha.                                  |  |
|                   | Short name= IL-11R-alpha.  |  |
|                   | Short name= IL-11RA  |  |
| UniProt:          | Q99MF4   |  |
| Pathways:         | Growth Factor Binding  |  |

# **Application Details**

#### Comment:

The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

## Handling

| Format:          | Lyophilized   |  |
|------------------|---|--|
| Concentration:   | 0.2-2 mg/mL   |  |
| Buffer:          | Tris-based buffer, 50 % glycerol  |  |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |  |
| Storage:         | -20 °C  |  |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |  |