Recombinant Human IL13RA2 protein

Cat. No. IL13RA2-3829H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL13RA2 was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is closely related to Il13RA1, a subuint of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13.
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	44.2 kDa
AA Sequence	MAFVCLAIGCLYTFLISTTFGCTSSSDTEIKVNPPQDFEIVDPGYLGYLYLQWQPPLSL DHFKECTVEYELKYRN IGSETWKTIITKNLHYKDGFDLNKGIEAKIHTLLPWQCTNGS EVQSSWAETTYWISPQGIPETKVQDMDCVYYNW QYLLCSWKPGIGVLLDTNYNLF YWYEGLDHALQCVDYIKADGQNIGCRFPYLEASDYKDFYICVNGSSENKPIRS SYFT FQLQNIVKPLPPVYLTFTRESSCEIKLKWSIPLGPIPARCFDYEIEIREDDTTLVTATVE NETYTLKTTNE TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCWEGEDLSKKTLLRF WLPFGFILILVIFVTGLLLRKPNTYPKMIPE FFCDT
Applications	Antibody Production;Functional Study: Recommended usage only, not validated yet.Compound Screening: Recommended usage only, not validated yet.

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Notes	Heating may cause protein aggregation. Please do not heat this product before electrophoresis. Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	IL13RA2 interleukin 13 receptor, alpha 2 [Homo sapiens]
Official Symbol	IL13RA2
Synonyms	IL13RA2; interleukin 13 receptor, alpha 2; interleukin-13 receptor subunit alpha-2; cancer/testis antigen 19; CD213a2; CT19; IL 13R; IL13BP; IL-13RA2; IL-13R-alpha-2; IL-13R subunit alpha-2; IL-13 receptor subunit alpha-2; interleukin 13 binding protein; interleukin-13-binding protein; interleukin 13 receptor alpha 2 chain; IL-13R; CD213A2;
Gene ID	3598
mRNA Refseq	NM_000640
Protein Refseq	NP_000631
MIM	300130
UniProt ID	Q14627
Chromosome Location	Xq13.1-q28
Pathway	IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling

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	pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;
Function	cytokine receptor activity; receptor activity; signal transducer activity;

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