

## Product datasheet for **TP727881**

### CRLF2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human TSLP R (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly25-Lys231
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human CRLF2 is produced by our expression system and the target gene encoding Gly25-Lys231 is expressed
Stability:	12 months from date of despatch
Locus ID:	64109
UniProt ID:	<a href="#">Q9HC73</a>
Summary:	Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2 (By similarity). Implicated in the development of the hematopoietic system. TSLP R expression is ubiquitous in the immune and hematopoietic cells, but is up-regulated in Th2-skewed cells. Cells expressing TSLP R alone bind TSLP with low affinity. Co-expression of TSLP R and IL-7 R alpha is required for high-affinity TSLP binding and signal transduction . The TSLP R and IL-7 R alpha are coexpressed primarily on monocytes and dendritic cells and at lower levels in lymphoid cells. TSLP has been shown to induce the release of T cell-attracting chemokines from monocytes and enhance the maturation of CD11c+ dendritic cells.



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