

Product datasheet for **TP726672**

IL11ra1 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse IL-11RA (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser24-Gln367
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse Interleukin-11 Receptor Subunit Alpha-1 is produced by our Mammalian expression system and the target gene encoding Ser24-Gln367 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16157
UniProt ID:	Q64385
Summary:	Interleukin 11 receptor alpha (IL 11 R alpha, IL 11 R alpha 1) originally designated NR1 in mouse, is a 49 kDa type I transmembrane protein that is a member of the gp130 subfamily of the hematopoietic cytokine receptor family. IL-11 R alpha first binds IL 11 with low affinity, then forms a high affinity receptor when complexed with gp130 homodimers. IL 11 R alpha is also anti-apoptotic for colonic epithelia, and increased IL 11 signaling may be a factor in inflammation-associated gastrointestinal cancer development. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells. Essential for the normal development of craniofacial bones and teeth.A soluble form (sIL11RA) can act as an antagonist of IL11-dependent cell differentiation in cells where both transmembrane IL11RA and IL6ST are present.



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