

## Product datasheet for TP507879

### Il31ra (BC066164) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 31 receptor A (cDNA clone MGC:76531 IMAGE:30475340), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207879 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNPLGVNAGIMWTLALWAFSFLCKFSLAVLPTKPENISCVFYFDRNLTCTWRPEKETNDTSYIVTLTYSY  
GKSNYSNATEASYSFPRSCAMPPDICSVEVQAQNGDGKVKSDITYWHLISIAKTEPPIILSVNPICNRM  
FQIQWKPREKTRGFPLVCMLEFRFTVNSSHWTEVNFENCKQVCNLTGLQAFTEYVLAALRFRFNDSTRYWSKW  
SKEETRVTMEEVPHVLDLWRILEPADMNGDRKVRLLWKKARGAPVLEKTFQYHIQYFAENSTNLTEINNI  
TTQQYELLMSQAHSVSVTSFNLSGKSQEAILRIPDVHEKTFQYIKSMKAYIAEPLLVNWNQSSIPAVDT  
WIVEWLPAAAMSKFPALSWESVSQVTNWTIEQDKLPFTCYNISVYPVLGHRVGEYPYSIQAYAKEGTPLK  
GPETRVENIGLRTATITWKEIPKSARNGFINNYTVFYQAEGGKELSKTVNSHSPQVYVYALTAAKSRNSRN  
LQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

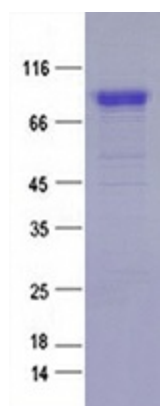
Tag:	C-MYC/DDK
Predicted MW:	56.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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Locus ID:	218624
UniProt ID:	<a href="#">Q8K5B1</a>
RefSeq Size:	2020
Cytogenetics:	13 D2.2
RefSeq ORF:	1476
Synonyms:	NR10, GLM-R, Glmr, CRL3
Summary:	Associates with OSMR to form the interleukin-31 receptor which activates STAT3 and to a lower extent STAT1 and STAT5. May function in skin immunity (PubMed:15184896). Mediates IL31-induced itch, probably in a manner dependent on cation channels TRPA1 and TRPV1 (PubMed:24373353). Positively regulates numbers and cycling status of immature subsets of myeloid progenitor cells in bone marrow in vivo and enhances myeloid progenitor cell survival in vitro (PubMed:17379091).[UniProtKB/Swiss-Prot Function]

### Product images:



Purified recombinant protein IL31ra was analyzed by SDS-PAGE gel and Coomassie Blue Staining.