

## Product datasheet for TP511924

### II16 (NM\_010551) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 16 (II16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211924 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEPHGHSGKSRKSTKFRSISRSLILCNAKTSDDGSSPDEKYPDPFETSLCQKKEGFFHSSMQLADTFEAG  
LSNIPDLALASDSAQLAAAGSDRGKHCRKMFFMKESSTSSKEKSGKPEAQSSSFLPKACHQRTRSNST  
SVNPYSAGEIDFPMTKKSAAPTDRQPYSLCSNRKLSLQQLDYPILGTARPTRSLSTAQLGQLSGGLQASV  
ISNIVLMKGQAKGLGFSIVGGKDSIYGPIGIYVKSIFAGGAAAADGRLQEGDEILELNGESMAGLTHQDA  
LQKFKQAKKGLLTLVTRRLTTPPSLCSHLSPLCRSLSSSTCGAQDSSPFSLESPASPASTAKPNYRIM  
VEVSLKKEAGVGLGIGLCSIPYFQCISGIFVHTLSPGSVAHLDGRLRCGDEIVEINDSPVHCLTLNEVYT  
ILSHCDPGPVPIIVSRHPDPQVSEQLKEAVAQAVEGVKFGKDRHQWSLEGVKRLESSWHGRPTLEKERE  
KHSAPPHRAQKIMVRSSSDSSYMSGSPGGSPCSAGAEPQPSEREGSTHSPSLSPGEEQEPGPGVPSRPQ  
QESPLPESLERESHPLRLKKSFEILVRKPTSSKPKPPPRKYFKNDSEPQKKLEEKEKVTDPSTGHTLPT  
CSQETRELLPLLLQEDTAGRAPCTAACCPGPAASTQTSSTEGESRRSASPETPASP GKHP LLKRQARM D  
YSFDITAEDPWVRISDCIKNLFSPIMSENHSHTPLQPNTSLGEEDGTQGCPEGGLSKMDAANGAPRVYKS  
ADGSTVKKGPPVAPKPAWFRQSLKGLRNRAPDPRRPPPEVASAIQPTPVS RDPPGPQPQASSIRQRISF  
ENFGSSQLPDRGVQRSLQPSSETTKFPGKQDGGRFSGLLGQGATVTAKHRQTEVESMSTTFPNSSEVR  
DPGLPESPPPQRPSTKALSPDLLRLLTTQSEDTQGPGLKMPSQRARSFPLTRTQSCETKLLDEKASKL  
YISSQLSSAVMKSLCLPSSVSCGQITCIPKERVSPKSPCNSAAEGFGEAMASDTGFSLNLSELREY  
SEGLTEPGETEDRNHCSSQAGQSVISLLSAEELEKIEEVRVLDEATLKQLDSIHVTILHKEEGAGLGFS  
LAGGADLENKVITVHRVFPNGLASQEGTIQKNEVLSINGKSLKGATHNDALAILRQARDPRQAVIVTRR  
TTVEATHDLNSSTDSAASASAASDISVESKEATVCTVTLEKTSAGLGFSLGEGGKSLHGDKPLTINRIFK  
GTEQGEMVQPGDEILQLAGTAVQGLTRFEAWNVIKALPDGPVTIVIRRTSLQCKQTASADS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	141.4 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_034681</a>
<b>Locus ID:</b>	16170
<b>UniProt ID:</b>	<a href="#">Q54824</a>
<b>RefSeq Size:</b>	4989
<b>Cytogenetics:</b>	7 47.43 cM
<b>RefSeq ORF:</b>	3969
<b>Synonyms:</b>	mKIAA4048
<b>Summary:</b>	Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. Primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4.[UniProtKB/Swiss-Prot Function]