

Product datasheet for **TP301579L**

IRF6 (NM_006147) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human interferon regulatory factor 6 (IRF6), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC201579 protein sequence
Red=Cloning site **Green**=Tags(s)

MALHPRRVRLKPWLVAQVDSGLYPGLIWLHRDSKRFQIPWKHATRHSPQQEEENTIFKAWAVETGKYQEG
VDDPDPKAKWAQLRCALNKSREFNLMYDGTKEVPMNPVKIYQVCDIPQPQGSIIINPGSTGSAPWDEKDND
VDEEDEEDELDSQHHVPIQDTFPFLNINGSMPMAPASVGNCSVGNCSPEAVWPKTEPLEMEVPQAPIQPF
YSSPELWISSLPMTDLDIKFQYRGKEYGQTMTVSNPQGCRFLFYGDLGPMPDQEELFGPVSLEQVKFPGPE
HITNEKQKLFTSKLLDVMMDRGLILEVSGHAIYAIRLCQCKVYWSGPCAPSLVAPNLIERQKKVKLFCLET
FLSDLIAHQKGQIEKQPPFEIYLCFGEWPDGKPLERKLILVQVIPVWARMYEMFSGDFTRSFDSGSVR
LQISTPDIKDNIVAQLKQLYRILQTQESWQPMQPTPSMQLPPLPPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 52.9 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_006138](#)



[View online »](#)

Locus ID: 3664

UniProt ID: [O14896](#), [G0Z349](#)

RefSeq Size: 4505

Cytogenetics: 1q32.2

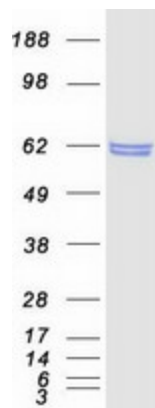
RefSeq ORF: 1401

Synonyms: LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1

Summary: This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2011]

Protein Families: ES Cell Differentiation/IPS, Transcription Factors

Product images:



Coomassie blue staining of purified IRF6 protein (Cat# [TP301579]). The protein was produced from HEK293T cells transfected with IRF6 cDNA clone (Cat# [RC201579]) using MegaTran 2.0 (Cat# [TT210002]).