

Recombinant Full Length Human IRF6 Protein, C-Flag-tagged

Cat. No. IRF6-528HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IRF6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.9 kDa
AA Sequence	MALHPRRVRLKPWLVAQVDSGLYPGLIWLHRDSKRFQIPWKHATRHSPQQEEENTI FKAWAVETGKYQEG VDDPDPKWKAKQLRCALNKSREFNLMYDGTKEVPMNPVKIY QVCDIPQPQGSIIINPGSTGSAPWDEKDND VDEEDEEDELQSQHHVPIQDTFPFLNI NGSPMAPASVGNCSVGNCSPEAVWPKTEPLEMEVPQAPIQPF YSSPELWISSLPM TDLDIKFQYRGKEYGQTMTVSNPQGCRLFYGDLGMPDQEELFGPVSLEQVKFPG PE HITNEKQKLFTSKLLDVMDRGLILEVSGHAIYAIRLCQCKVYWSGPCAPSLVAPNL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IERQKKVKLFCLET FLSDLIAHQKGQIEKQPPFEIYLCFGEEWPDGKPLERKLILVQVI
 PVVARMYEMFSGDFTRSFDSGSVR
 LQISTPDIKDNIVAQLKQLYRILQTQESWQPMQPTPSMQLPPALPPQTRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	ES Cell Differentiation/IPS, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	IRF6 interferon regulatory factor 6 [Homo sapiens (human)]
Official Symbol	IRF6
Synonyms	LPS; PIT; PPS; VWS; OFC6; PPS1; VWS1
Gene ID	3664

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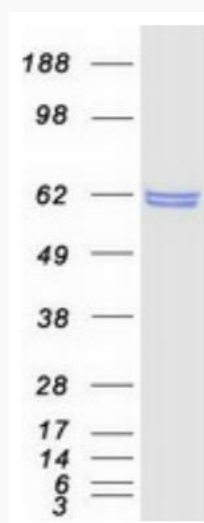
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mRNA Refseq [NM_006147.4](#)

Protein Refseq [NP_006138.1](#)

MIM [607199](#)

UniProt ID [O14896](#)



Coomassie blue staining of purified IRF6 protein.

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