

Product datasheet for PH301579

IRF6 (NM_006147) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IRF6 MS Standard C13 and N15-labeled recombinant protein (NP_006138)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201579
Predicted MW:	53.1 kDa
Protein Sequence:	>RC201579 protein sequence Red=Cloning site Green=Tags(s)
	MALHPRRVRLKPWLVAQVDSGLYPGLIWLHRDSKRFQIPWKHATRHSPPQEEENTIFKAWAVETGKYQEG VDDDPKAKWKAQLRCALNKSREFNLMYDGTKEVPMNPVKIYQVCDIPQPQGSIIINPGSTGSAPWDEKDND VDEEDEEDELDSQHHVPIQDTFPLNINGSMPAPASVGNCSVGNCSPEAVWPKTEPLEMEVQPAPIQPF YSSPELWISSLPMTDLDIKFQYRGKEYGQTMTVSNPQGCRLFYGDLGMPDQEELFGPVSLEQVKFPGPE HITNEKQKLFTSKLLDVMRGLILEVSGHAIYAIRLCQCKVYWSGPCAPSLVAPNLIERQKVKLFCLET FLSDLIAHQKQIEKQPPFEIYLCFGEWPDGKPLERKILVQVIPVARMYEMFSGDFTRSFDSGSVR LQISTPDIKDNIWAQLKQLYRILQTSWQPMQPTPSMQLPPLPPQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006138</u>
RefSeq Size:	4505
RefSeq ORF:	1401
Synonyms:	LPS; OFC6; PIT; PPS; PPS1; VWS; VWS1



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Locus ID: 3664

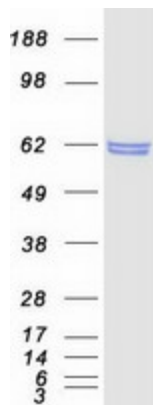
UniProt ID: [O14896](#), [G0Z349](#)

Cytogenetics: 1q32.2

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]).