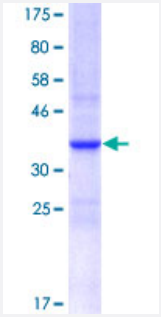
# IRF6 (Human) Recombinant Protein (Q01)

Catalog # H00003664-Q01 Size 25 ug, 10 ug

## Applications




## Specification

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|---|---|
| **Product Description** | Human IRF6 partial ORF ( NP_006138, 368 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | PFEIYLCFGEEWPDGKPLERKLILVQVIPVVARMIYEMFSGDFTRSFDSGSVRLQISTPDIKDNIVAQLKQLYRILQTQESWQPMQPTPSMQLPPALPPQ |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 36.74 |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — IRF6

| | |
|---|---|
| **Entrez GeneID** | 3664 |
| **GeneBank Accession#** | NM_006147 |
| **Protein Accession#** | NP_006138 |
| **Gene Name** | IRF6 |
| **Gene Alias** | LPS, OFC6, PIT, PPS, VWS |
| **Gene Description** | interferon regulatory factor 6 |
| **Omim ID** | 119300 119500 607199 608864 |
| **Gene Ontology** | Hyperlink |
| **Gene 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 co nserved C-terminal protein-binding domain. Mutations in this gene can cause van der Woude syn drome and popliteal pterygium syndrome. This protein is involved in palate formation. [provided b y RefSeq |
| **Other Designations** | OTTHUMP00000034677 |

## Disease

- Anodontia
- Chromosome Aberrations
- Cleft Lip
- Cleft Palate

- Genetic Diseases
- Genetic Predisposition to Disease
- Prenatal Exposure Delayed Effects
- Tooth Abnormalities