



# Recombinant Human Interferon regulatory factor 6 (IRF6)

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| <b>Product Code</b>      | CSB-YP011821HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | O14896   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MALHPRRVRL KPWLVAQVDS GLYPGLIWLH RDSKRFQIPW KHATRHSPQQ<br>EEENTIFKAW AVETGKYQEG VDDPDPKWK AQLRCALNKS REFNLMYDGT<br>KEVPMNPVKI YQVCDIPQPQ GSIINPGSTG SAPWDEKDND VDEEDEEDEL<br>DQSQHHVPIQ DTFPFLNING SPMAPASVGN CSVGNCSPEA VWPKTEPLEM<br>EVPQAPIQPF YSSPELWISS LPMTDLDIKF QYRGKEYGQT MTSNPQGCR<br>LFYGD LGPMP DQEELFGPVS LEQVKFPGPE HITNEKQKLF TSKLLDVMDR<br>GLILEVSGHA IYAIRLCQCK VYWSGPCAPS LVAPNLIERQ KKVKLFLET<br>FLSDLIAHQK GQIEKQPPFE IYLCFGEEWP DGKPLERKLI LVQVIPVVAR<br>MIYEMFSGDF TRSFDSGSVR LQISTPDIKD NIVAQLKQLY RILQTQESWQ<br>PMQPTPSMQL PPALPPQ |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | IRF6   |
| <b>Protein Names</b>     | Recommended name: Interferon regulatory factor 6 Short name= IRF-6   |
| <b>Expression Region</b> | 1-467  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full length protein  |
| <b>Target Details</b>    | 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. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. This protein is involved in palate formation.  |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life   |



of lyophilized form is 12 months at -20°C/-80°C.