# Recombinant Human Tumor necrosis factor-inducible gene 6 protein (TNFAIP6)

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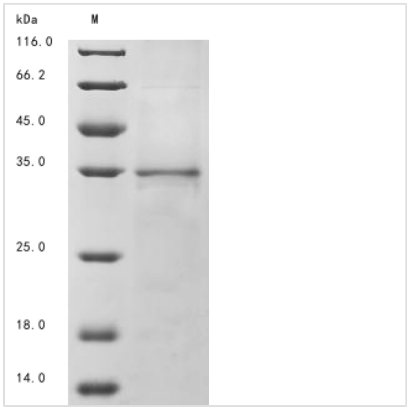
| **Product Code** | CSB-BP023959HU |
| **Abbreviation** | Recombinant Human TNFAIP6 protein |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| **Uniprot No.** | P98066 |
| **Product Type** | Recombinant Proteins |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |
| **Sequence** | WGFKDGIFHNSIWLERAAGVYHREARSGKYKLTYAEAKAVCEFEGGHLATYK QLEAARKIGFHVCAAGWMAKGRVGYPIVKPGPNCGFGKTGIIDYGIRLNRSER WDAYCYNPHAKECGGVFTDPKQIFKSPGFPNEYEDNQICYWHIRLKYGQRIHL SFLDFDLEDDPGCLADYVEIYDSYDDVHGFVGRYCGDELPDDIISTGNVMTLKF LSDASVTAGGFQIKYVAMDPVSKSSQGKNTSTTSTGNKNFLAGRFSHL |
| **Research Area** | Cancer |
| **Source** | Baculovirus |
| **Target Names** | TNFAIP6 |
| **Protein Names** | Recommended name: Tumor necrosis factor-inducible gene 6 protein Alternative name(s): Hyaluronate-binding protein TNF-stimulated gene 6 protein Short name= TSG-6 Tumor necrosis factor alpha-induced protein 6 Short name= TNF a |
| **Expression Region** | 18-277aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | N-terminal 10xHis-tagged and C-terminal Myc-tagged |
| **Mol. Weight** | 33 |
| **Protein Length** | Full Length of Mature Protein |
| **Image** | |




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The recombinant Human TNFAIP6 was expressed with the amino acid range of 18-277. This TNFAIP6 protein is expected to have a theoretical molecular weight of 33 kDa. The TNFAIP6 protein was expressed in baculovirus. The N-terminal 10xHis tag and C-terminal Myc tag was fused into the coding gene segment of TNFAIP6, making it easier to detect and purify the TNFAIP6 recombinant protein in the later stages of expression and purification.

TNFAIP6 (Tumor necrosis factor-inducible gene 6 protein) is a protein of significant research interest. The primary focus of research lies in its role in inflammation and immune regulation. TNFAIP6 plays a crucial role in regulating gene expression, cell proliferation, and tumor development. Researchers investigate its expression in inflammatory conditions like rheumatoid arthritis and inflammatory bowel disease, along with its potential involvement in tumor development and treatment resistance. These studies contribute to revealing the molecular mechanisms of TNFAIP6 in the onset and progression of diseases, providing a theoretical basis for the treatment of related conditions.

## Shelf Life

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