# Recombinant Human Interleukin-36 gamma (IL36G) (Active)

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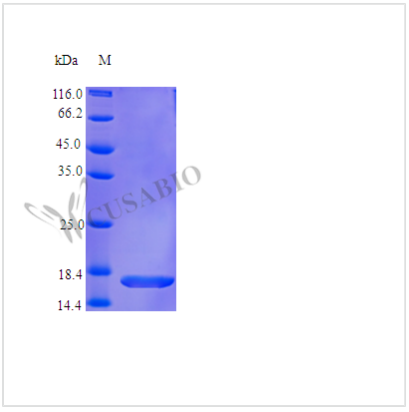
| **Product Code** | CSB-AP002041HU |
| **Abbreviation** | Recombinant Human IL36G protein (Active) |
| **Uniprot No.** | Q9NZH8 |
| **Form** | Lyophilized powder |
| **Storage Buffer** | Lyophilized from a 0.2 μm filtered PBS, pH 7.4 |
| **Product Type** | Interleukin |
| **Immunogen Species** | Homo sapiens (Human) |
| **Biological Activity** | Fully biologically active when compared to standard. The ED50 as determined by its ability to induce IL-8 secretion by human preadipocytes is less than 10 ng/ml, corresponding to a specific activity of >1x10$^5$ IU/mg. |
| **Purity** | >95% as determined by SDS-PAGE. |
| **Sequence** | SMCKPITGTI NDLNQQVWTL QGQNLVAVPR SDSVTPVTVA VITCKYPEAL EQGRGDPIYL GIQNPEMCLY CEKVGEQPTL QLKEQKIMDL YGQPEPVKPF LFYRAKTGRT STLESVAFPD WFIASSKRDQ PIILTSELGK SYNTAFELNI ND |
| **Research Area** | Immunology |
| **Source** | E.coli |
| **Target Names** | IL36G |
| **Expression Region** | 18-169aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag-Free |
| **Mol. Weight** | 17.0 kDa |
| **Protein Length** | Full Length of Mature Protein |
| **PubMed ID** | 10744718; 11466363; 10860666; 11991722; 12975309; 15815621; 15489334; 20870894; 21965679; 23095752; 23147407; 24829417 |

**Image**

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| **Endotoxin** | Less than 1.0 EU/μg as determined by LAL method. |
| **Reconstitution** | 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. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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. |