

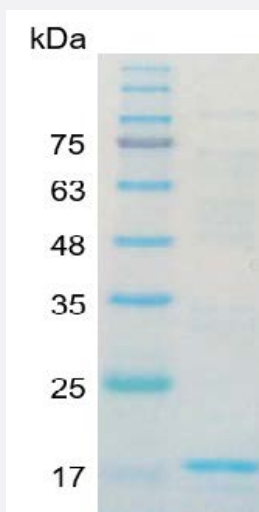
Bioactive

# IL1F6 (Human) Recombinant Protein

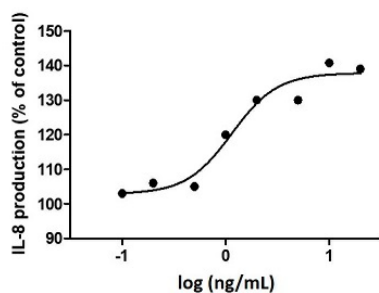
Catalog # P7818

Size 20 ug

## Applications



SDS-PAGE analysis of IL1F6 (Human) Recombinant Protein.



## Result of activity analysis

Result of activity analysis

## Specification

### Product Description

Human IL1F6 recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.

### Sequence

MKIDTPQQGSIQDINHRVWVLQDQTLIAVPRKDRMSPVTIALISCRHVETLEKDRGNPYLGLNGLNLCLMCAKVGDAQPTLQLKEKDMDLYNQPEPVKSFLFYHSQSGRNSTFESVAFPGWFIASSEGGLPLILTQELGKANTTDFGLTMLF with polyhistidine tag at the C-terminus.

### Host

*Escherichia coli*

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                    | Lyophilized                                                                                                                                                                     |
| Preparation Method      | <i>Escherichia coli</i> expression system                                                                                                                                       |
| Purification            | Ni-NTA chromatography                                                                                                                                                           |
| Purity                  | > 98% as determined by SDS-PAGE.                                                                                                                                                |
| Endotoxin Level         | < 0.1 EU/ ug of protein by the LAL method.                                                                                                                                      |
| Activity                | ED <sub>50</sub> < 0.7 ng/mL, Measured by the induction of IL-8 secretion in human PBMCs.                                                                                       |
| Quality Control Testing | SDS-PAGE Stained with Coomassie Blue.<br>SDS-PAGE analysis of IL1F6 (Human) Recombinant Protein.                                                                                |
| Recommend Usage         | Biological Activity<br>SDS-PAGE<br>The optimal working dilution should be determined by the end user.                                                                           |
| Storage Buffer          | Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 100 ug/mL.                                                  |
| Storage Instruction     | Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at -20°C to -80°C. Th is product is stable for one year.<br>Avoid repeated freeze/thaw cycles. |
| Note                    | Result of activity analysis<br>Result of activity analysis                                                                                                                      |

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — IL1F6

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| Entrez GeneID    | <a href="#">27179</a>                                                  |
| Gene Name        | IL1F6                                                                  |
| Gene Alias       | FIL1, FIL1(EPSILON), FIL1E, IL-1F6, IL1(EPSILON), MGC129552, MGC129553 |
| Gene Description | interleukin 1 family, member 6 (epsilon)                               |
| Omim ID          | <a href="#">605509</a>                                                 |

|                    |                                              |
|--------------------|----------------------------------------------|
| Gene Ontology      | <a href="#">Hyperlink</a>                    |
| Gene Summary       | O                                            |
| Other Designations | IL-1F6 (FIL-1-epsilon)interleukin 1, epsilon |

## Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Spondylitis](#)