

## Active Recombinant Human PILRA, His-tagged

**Cat. No.** PILRA-513H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human PILRA (Accession # CAC01613) Gln20-Thr196, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                                                                                             |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                             |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 20-196 a.a.                                                                                                                                                                                                                                                       |
| <b>Predicted N Terminal</b> | Gln20 predicted: No results obtained, sequencing might be blockedThr25 (Minor)                                                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from a 0.2 µm filtered solution in PBS and EDTA.                                                                                                                                                                                                      |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. When recombinant human PANP Fc Chimera is immobilized at 5 µg/mL (100 µL/well), the concentration of Recombinant Human PILR-alpha that produces 50% optimal binding response is approximately 0.4-2 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Human PILRA, His-tagged has a calculated MW of 20.9 kDa. In SDS-PAGE migrates as 33-40 kDa, reducing conditions.                                                                                                                                      |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                       |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3                                                                                     |

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months (-70°C).

## GENE INFORMATION

|                            |                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | PILRA paired immunoglobulin-like type 2 receptor alpha [ Homo sapiens ]                                                                                                        |
| <b>Official Symbol</b>     | PILRA                                                                                                                                                                          |
| <b>Synonyms</b>            | PILRA; paired immunoglobulin-like type 2 receptor alpha; paired immunoglobulin-like type 2 receptor alpha; FDF03; cell surface receptor FDF03; inhibitory receptor PILR-alpha; |
| <b>Gene ID</b>             | 29992                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_013439                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_038467                                                                                                                                                                      |
| <b>MIM</b>                 | 605341                                                                                                                                                                         |
| <b>UniProt ID</b>          | Q9UKJ1                                                                                                                                                                         |
| <b>Chromosome Location</b> | 7q22.1                                                                                                                                                                         |

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