

## Recombinant Human EDNRA protein, His-tagged

Cat. No. EDNRA-5744H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EDNRA protein(21-78 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 21-78 aa                                                                                                                                                                                                                                             |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| <b>AA Sequence</b> | DNPERYSTNLSNHVDDFTTFRGTELSFLVTTHQPTNLVLPSTNGSMHNYCPQQTAKTS<br>A |
|--------------------|-----------------------------------------------------------------|

## GENE INFORMATION

|                  |                                                   |
|------------------|---------------------------------------------------|
| <b>Gene Name</b> | EDNRA endothelin receptor type A [ Homo sapiens ] |
|------------------|---------------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | EDNRA |
|------------------------|-------|

|                 |                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | EDNRA; endothelin receptor type A; endothelin-1 receptor; G protein-coupled receptor; endothelin receptor subtype A; endothelin-1-specific receptor; ETA; ET-A; ETAR; ETRA; ETA-R; hET-AR; |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |      |
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| <b>Gene ID</b> | 1909 |
|----------------|------|

|                    |              |
|--------------------|--------------|
| <b>mRNA Refseq</b> | NM_001166055 |
|--------------------|--------------|

|                       |              |
|-----------------------|--------------|
| <b>Protein Refseq</b> | NP_001159527 |
|-----------------------|--------------|

|            |        |
|------------|--------|
| <b>MIM</b> | 131243 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P25101 |
|-------------------|--------|

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**SDS-PAGE**

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