

## Recombinant Human URAD protein, His-tagged

**Cat. No.** URAD-4644H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human URAD protein(1-173 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-173 aa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | MDIEKVNSMDLGEFVDVFGNATERCPLIAAAVWSQRPFSLEDLEKHFFAFIDALAQ<br>SGQEGILRCHPDLAGSELQRGTLTAESQREQSGAGLRSLGADERLRRLAELNAQYRA<br>RFGFPFVLAARFSDRTAVPRELARLLCPSAQELRTALGEVKKIGSLRLADLLRADPA<br>KL                                                                                                                                                                                     |
| <b>Purity</b>           | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. 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.                                                                                                                                                                        |

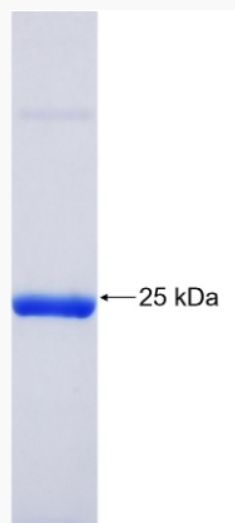
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**Reconstitution**

Dissolve the product in 200  $\mu$ l sterile water to achieve a working concentration of 0.25  $\mu$ g/ $\mu$ l. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**SDS-PAGE**

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