

## Recombinant Human NOTUM protein, His-tagged

**Cat. No.** NOTUM-4342H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NOTUM protein(Q6P988)(20-496aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 20-496aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 57.8 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | 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. |

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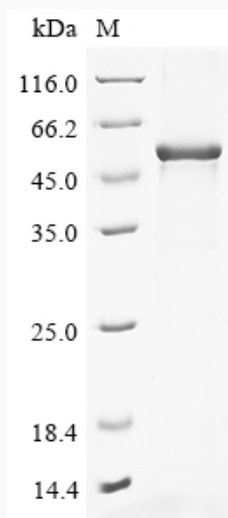
 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

SEGRKTWRRRGQQPPPPPRTEAAPAAGQPVESFPLDFTAVEGNMDSFMAQVKSL  
 AQSLYPCSAQQLNEDLRLHLLNLSVTCNDGSPAGYYLKESRGSRRWLLFLEGGW  
 YCFNRENCDSRYDTMRRLMSSRDWPRTGTGTGILSSQPEENPYWWNANMVFIPLYC  
 SSDVWSGASSKSEKNEYAFMGALIIQEVRLLGRGLSGAKVLLLAGSSAGGTGVLL  
 NVDRVAEQLEKLGYPAIQVRGLADSGWFLDNKQYRHTDCVDTITCAPTEAIRRGIRY  
 WNGVVPERCRRQFQEGEEWNCFFGYKVYPTLRCPVFVVQWLFDEAQLTVDNVHL  
 TGQPVQEGRLRYIQNLGRELRLTKDVPASFAPACLSHEIIIRSHWTDVQVKGTSLPR  
 ALHCWDRSLHDSHKASKTPLKGCPVHLVDSCPWPHCNPSCPTVRDQFTGQEMNV  
 AQFLMHMGFDMQTVAPQPGLEPSELLGMLSNGS

**GENE INFORMATION**

|                 |                                                                              |
|-----------------|------------------------------------------------------------------------------|
| Gene Name       | NOTUM notum pectinacylesterase homolog (Drosophila) [ Homo sapiens ]         |
| Official Symbol | NOTUM                                                                        |
| Synonyms        | NOTUM; notum pectinacylesterase homolog (Drosophila); protein notum homolog; |
| Gene ID         | 147111                                                                       |
| mRNA Refseq     | NM_178493                                                                    |
| Protein Refseq  | NP_848588                                                                    |
| MIM             | 609847                                                                       |
| UniProt ID      | Q6P988                                                                       |

**SDS-PAGE**

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