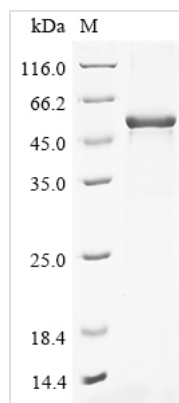




# Recombinant Human Palmitoleoyl-protein carboxylesterase NOTUM (NOTUM)

<b>Product Code</b>	CSB-EP747435HU
<b>Abbreviation</b>	Recombinant Human NOTUM protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6P988
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</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.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	SEGRKTRRRRGQQPPPPPRTEAAPAAGQPVESFPLDFTAVEGNMDSFMAQV KSLAQSLYPCSAQQLNEDLRHLHLLNTSVTCNDGSPAGYYLKESRGSRRWLLF LEGGWYCFNRENCDSRYDTMRRLMSSRDWPTRTRTGILSSQPEENPYWW NANMVFIPIYCSSDVWSGASSKSEKNEYAFMGALIIQEVVRELLGRGLSGAKVL LLAGSSAGGTGVLLNVDRVAEQLEKLGYPAIQVRGLADSGWFLDNKQYRHTD CVDITCAPTEAIRRGIRYWNGVVPERCRRQFQEGEEWNCFFGYKVYPTLRC PVFVVQWLFDEAQLTVDNVHLTGQPVQEGRLRYIQNLGRELRLTLKDVPAFSA PACLSHEIIIRSHWTDVQVKGTSLPRALHCWDRSLHDSHKASKTPLKGCPVHL VDSCPWPHCNPSCPTVRDQFTGQEMNVAQFLMHMGFDMQTVAQPQGLEPS ELLGMLSNGS
<b>Research Area</b>	Neuroscience
<b>Source</b>	E.coli
<b>Target Names</b>	NOTUM
<b>Expression Region</b>	20-496aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	57.8 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

The generation of the recombinant Human NOTUM protein involves transfecting e.coli cells with a DNA expression vector carrying the gene for the protein of interest (20-496aa). After transfection, the cells are cultured to express the desired protein. The protein is fused with a N-terminal 6xHis tag. The recombinant Human NOTUM protein is collected and purified from the cell lysate through affinity purification, attaining a purity greater than 85%, as determined by SDS-PAGE.

## Reconstitution

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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.