

## Recombinant Human OXT protein, His&Myc-tagged

Cat. No. OXT-5047H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OXT protein(P01178)(32-125aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	32-125aa
<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>	14.6 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 multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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%.

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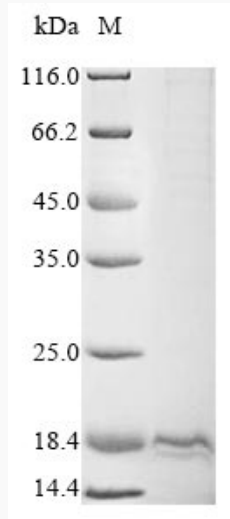
 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	OXT oxytocin, prepropeptide [ Homo sapiens ]
<b>Official Symbol</b>	OXT
<b>Synonyms</b>	OXT; oxytocin, prepropeptide; OT, oxytocin, prepro (neurophysin I); oxytocin-neurophysin 1; neurophysin I; oxytocin, prepro- (neurophysin I); oxytocin-neurophysin I, preproprotein; OT; OT-NPI; MGC126890; MGC126892;
<b>Gene ID</b>	5020
<b>mRNA Refseq</b>	NM_000915
<b>Protein Refseq</b>	NP_000906
<b>MIM</b>	167050
<b>UniProt ID</b>	P01178

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**SDS-PAGE**



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