

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

Cat. No. OXT-3314H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OXT protein(P01178)(32-125aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-125aa
Form	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.
Molecular Mass	29.6 kDa
AA Sequence	AAPDLDV RKCLPCGPGGKGRCFGPNICCAEELGCFVGTAELRCQEENYLPSPCQ SGQKACGSGGRC AVLGLCCSPDGCHADPACDAEATFSQR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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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%.

GENE INFORMATION

Gene Name	OXT oxytocin, prepropeptide [Homo sapiens]
Official Symbol	OXT
Synonyms	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;
Gene ID	5020
mRNA Refseq	NM_000915
Protein Refseq	NP_000906
MIM	167050
UniProt ID	P01178

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