

Preprooxytocin Recombinant Protein | OT recombinant protein

Recombinant Preprooxytocin (OT)

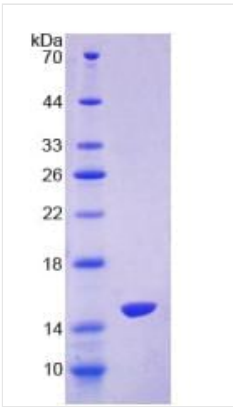
CATALOG # AAA145949	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Preprooxytocin; Recombinant Preprooxytocin (OT); OT recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>97%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for OT recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Cys20~Arg125
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Predicted isoelectric point	5.8
Predicted Molecular Mass	14.6kDa
Accurate Molecular Mass	15kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

C	YIQNCPLGGK	RAAPDLVRK	CLPCGPGGKG
CFGPNICCA	EELGCFVGTA	EALRCQEENY	LPSPCQSQQK
ACGSGGRCAV	GLCCSPDGC	HADPACDAEA	TFSQR

SDS-PAGE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/preprooxytocin-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145949>