

Recombinant Human Oxytocin-neurophysin 1(OXT),partial

Catalog No: #AP77483

Package Size: #AP77483-1 20ug #AP77483-2 100ug #AP77483-3 1mg

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Description

Product Name	Recombinant Human Oxytocin-neurophysin 1(OXT),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 85% as determined by SDS-PAGE.
Immunogen Description	Expression Region:32-125aaSequence Info:Partial
Other Names	Ocytocin
Accession No.	P01178
Uniprot	P01178
GeneID	5020;
Calculated MW	14.6 kDa
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Target Sequence	AAPDLDV RKCLPCGPGGKGRCFGPNICCAEELGCFVGTAEALRCQEENYLPSPCQSGQKACGSGGRCVGLG LCCSPDGGCHADPACDAEATFSQR
Formulation	Tris-based buffer50% glycerol
Storage	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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Neurophysin 1 specifically binds oxytocin.

Oxytocin causes contraction of the smooth muscle of the uterus and of the mammary gland.

References

"The neurohypophyseal hormones vasopressin and oxytocin. Precursor structure, synthesis and regulation."

Rehbein M., Hillers M., Mohr E., Ivell R., Morley S., Schmale H., Richter D.

Biol. Chem. Hoppe-Seyler 367:695-704(1986)Research Topic:Others

Note: This product is for in vitro research use only