

Recombinant Mouse Oxtr protein, His & GST-tagged

Cat. No. Oxtr-8017M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Oxtr aa. (Ala6~Phe75 (Accession # P97926)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala6~Phe75
Form	Freeze-dried powder
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Oxtr oxytocin receptor [Mus musculus (house mouse)]
Official Symbol	Oxtr
Synonyms	OTR; OT-R; oxytocin receptor
Gene ID	18430
mRNA Refseq	NM_001081147.1
Protein Refseq	NP_001074616.1
UniProt ID	P97926

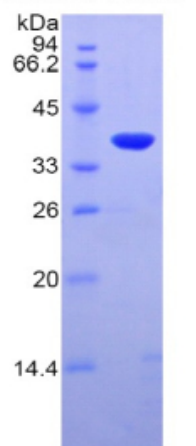
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SDS-PAGE

Mouse OXTR



15% SDS-PAGE

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