

Recombinant Rat Slc6a3 protein, His & T7-tagged

Cat. No. Slc6a3-1725R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slc6a3 aa. (Ile562~Leu619 (Accession # P23977)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile562~Leu619
Description	Acts as a sodium-dependent dopamine transporter; may play a role in regulation of dopamine metabolism and signaling.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

 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

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 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, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

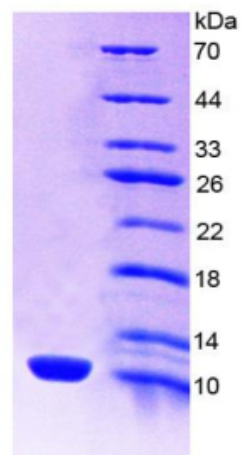
Gene Name	Slc6a3 solute carrier family 6 member 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Slc6a3
Synonyms	Slc6a3; solute carrier family 6 member 3; Dat1; sodium-dependent dopamine transporter; DA transporter; DAT; solute carrier family 6 (neurotransmitter transporter), member 3; solute carrier family 6 (neurotransmitter transporter, dopamine), member 3
Gene ID	24898
mRNA Refseq	NM_012694.2
Protein Refseq	NP_036826.1
UniProt ID	P23977

 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

SDS-PAGE



15% SDS-PAGE

 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