Recombinant Rat Sult1a1 protein, His-tagged

Cat. No. Sult1a1-6750R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sult1a1 aa. (Phe3~Leu291) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe3~Leu291
Form	Freeze-dried powder
Molecular Mass	35kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	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.

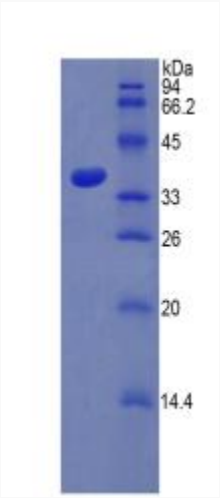
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Sult1a1 sulfotransferase family 1A member 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Sult1a1
Synonyms	Stm; Stp1; ASTIV; Mx-ST; PST-1; St1a1; Sult1a3; Aryl sulfotransferase cytosolic, 1A, phenol-preferring, member 3; Phenol sulfotransferase 1a1; aryl sulfotransferase IV; minoxidil sulfotransferase; sulfokinase; sulfotransferase family 1A, phenol-preferring, member 1; sulfotransferase family, cytosolic, 1A, phenol preferring; sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1; sulphotransferase family cytosolic 1A phenol-prefering member 1; tyrosine-ester sulfotransferase; sulfotransferase 1A1
Gene ID	83783
mRNA Refseq	NM_031834.1
Protein Refseq	NP_114022.1
UniProt ID	P17988

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SDS-PAGE	

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