

Recombinant Galactose-1-Phosphate Uridyltransferase (GALT) Instruction Manual

SIPJ401Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Golgi apparatus
Predicted Molecular Mass	47.0kDa
Accurate Molecular Mass	47kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ala379 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MSQSGADPEQ RQQASEADAM AATFRASEHQ HIRYNPLQDE WVLVSAHRMK  
RPWQGQVEPQ LLKTVPRHDP LNPLCPGATR ANGEVNPPYD GTFLFDNDFP  
ALQPDAPDPG PSDHPLFRVE AARGVCKVMC FHPWSDVTLP LMSVPEIRAV  
IDAWASVTEE LGAQYPWVQI FENKGAMMGC SNPHPHCQVW ASNFLPDIAQ  
REERSQQTYH NQH GKPLLE YGHQELLRKE RLVLTSEYWI VLVPFWAVWP  
FQTL LPRRH VQRLPELTPA ERDDLASTMK KLLTKYDNLF ETSFPYSMGW  
HGAPMGLKTG ATCDHWQLHA HYYPLL RSA TVRKFMVGYE MLAQAQRDLT  
PEQAAERLRV LPEVHYCLTQ KDKETAATA
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

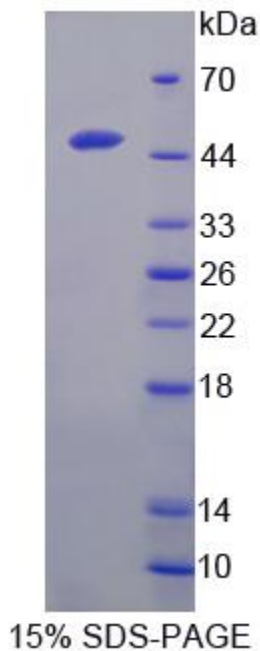
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

Image



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.