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Product Datasheet

Recombinant human GALT protein NBS-PAT-54XE0I-100

Article Name	Recombinant human GALT protein
Biozol Catalog Number	NBS-PAT-54XE0I-100
Supplier Catalog Number	PAT-54XE0I-100
Alternative Catalog Number	NBS-PAT-54XE0I-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Human
Product Description	GALT catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of uDP-glucose + galactose-1-phosphate to glucose-1-phosphate + uDP-galactose. The absence of this enzyme results in classic galactosemia in humans an...
Concentration	0.25 mg/ml
Molecular Weight	45.9 kDa (403aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	2592
UniProt	P07902
Buffer	Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 10% glycerol.
Purity	>85%

Sequence

MSRSGT DPQQRQQASE ADAAAATFRA NDHQHIRYNP LQDEWVLVSA
HRMKRPWQGQ VEPQLLKTVP RHDPLNPLCP GAIRANGEVN
PQYDSTFLFD NDFPALQPDA PSPGPSDHPL FQAKSARGVC
KVMCFHPWSD VTLPLMSVPE IRAVVDAS VTEELGAQYP
WVQIFENKGA MMGCSNPHPH CQWASSFLP DIAQREERSQ
QAYKSQHGEP LLMEYSRQEL LRKER