

Active Recombinant Human GCNT1, His-tagged

Cat. No. GCNT1-714H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCNT1 (Accession # NP_001481) Arg33-His428, fused with an N-terminal CD33 signal sequence and a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	33-428 a.a.
Predicted N Terminal	Arg33
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and Brij-35.
Bio-activity	Measured by its ability to transfer GlcNAc from UDP-GlcNAc to B1-3 galactosyl-N-acetyl galactosamine. The specific activity is >350 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human GCNT1, His-tagged has a calculated MW of 47 kDa. In SDS-PAGE migrates as 50-57 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 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

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name ITGAV integrin, alpha V [Homo sapiens]

Official Symbol ITGAV

Synonyms ITGAV; integrin, alpha V; antigen identified by monoclonal L230 , integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51) , MSK8, vitronectin receptor , VNRA, VTNR; integrin alpha-V; CD51; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51); MSK8; VNRA; VTNR; DKFZp686A08142;

Gene ID 3685

mRNA Refseq NM_001144999

Protein Refseq NP_001138471

MIM 193210

UniProt ID P06756

Chromosome Location 2q31-q32

 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