

Galactocerebrosidase

Catalog No: #AP79046



Package Size: #AP79046-1 50ug #AP79046-2 100ug #AP79046-3 1mg

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Description

Product Name	Galactocerebrosidase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant Protein
Other Names	Galactocerebrosidase, Galactosylceramidase, Galactosylceramide beta-galactosidase
Accession No.	P54803 Gene name: GALC
Uniprot	P54803
GeneID	2581;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (pH 8.0)
Storage	Store at -20°C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride. Enzyme with very low activity responsible for the lysosomal catabolism of galactosylceramide, a major lipid in myelin, kidney and epithelial cells of small intestine and colon.

References

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Note: This product is for in vitro research use only