

Glutamine synthetase

Catalog No: #AP78423



Package Size: #AP78423-1 50ug #AP78423-2 100ug #AP78423-3 1mg

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Description

Product Name	Glutamine synthetase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	2-373AA
Other Names	GLNS,4.1.1.15,Glutamate decarboxylase,Glutamate--ammonia ligase
Accession No.	P15104Gene name:GLUL
Uniprot	P15104
GeneID	2752;
Calculated MW	40.92
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner (By similarity). Essential for proliferation of fetal skin fibroblasts.

References

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Note: This product is for in vitro research use only