

Recombinant Human ACMSD

Catalog No: #GP10928



Package Size: #GP10928-1 100ug

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Description

Product Name	Recombinant Human ACMSD
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	Aminocarboxymuconate semialdehyde decarboxylase
Accession No.	Swissprot:Q8TDX5Gene Accession:BC016018
Uniprot	Q8TDX5
GeneID	130013;
Storage	-20~-80°C, pH 7.6 PBS

Background

The neuronal excitotoxin quinolinate is an intermediate in the de novo synthesis pathway of NAD from tryptophan, and has been implicated in the pathogenesis of several neurodegenerative disorders. Quinolinate is derived from alpha-amino-beta-carboxy-muconate-epsilon-semialdehyde (ACMS). ACMSD (ACMS decarboxylase; EC 4.1.1.45) can divert ACMS to a benign catabolite and thus prevent the accumulation of quinolinate from ACMS.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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