
Recombinant mouse EAAT2 protein, GST & His

Catalog Number: bs-49183P

Concentration: >0.5 mg/ml

AA Seq: 460-572/572

Predicted MW: 40

Detected MW: 42 kDa

Tags: GST & His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

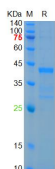
Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Sep 2010]

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.