

S100 β Recombination Protein

Basic information:

Catalog No.:	UDP9061-1	Source:	Human
Expression Host:	<i>Escherichia coli</i>	type:	Recombinant protein
Purity:	>90% as determined by SDS-PAGE.		

Useful Information:

Construction:

A DNA sequence encoding the S100B Protein was expressed with His-tag in C terminus.

Molecular Mass:

S100B Recombination Protein consists of 91 amino acids.

Formulation:

Liquidin PBS, PH7.4

Biological Activity

N/A

Endotoxin:

N/A

Storage:

Recombinant proteins are provided as frozen liquid which are shipped with dry ice. Bulk packages can be provided as lyophilized powder which shipped with blue ice.

Reconstitution:

According to the application.

Description:

S100B protein is a calcium-binding protein mainly secreted by glial cells. At physiological concentration, S100B protein has paracrine or autocrine neurotrophic effects, but at high concentration, it has neurotoxic effects. The elevated level of S100B protein in cerebrospinal fluid, blood, urine, saliva, amniotic fluid and other body fluids is considered as a biological indicator of various diseases, such as acute brain injury, perinatal brain injury, brain tumors, inflammatory or degenerative diseases of the nervous system, psychiatric disorders, etc.

Note:

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