



Recombinant Human S100B protein [His] (DAG-WT136)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	DNA sequence encoding the human S100B (Met1~Glu92) was fused with the N-terminal His Tag
Species	Homo sapiens (Human)
Purity	> 90% , as determined by SDS-PAGE
Conjugate	His
Applications	ELISA; WB; IHC
Molecular Weight	11.78kDa
Format	Liquid/Lyophilized Powder
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01 M PBS, pH 7.4
Preservative	None
Storage	Store at 2-8°C up to 7 days, -20°C for long term. Avoid freeze / thaw cycles.

BACKGROUND

Introduction	S100 protein family contains variety of members such as $\beta\beta$ homodimer and $\alpha\beta$ heterodimer. It is a useful marker for monitoring brain damage and detecting secondary neurological injuries. The concentration of S100 A8/A9 hetero complex increases in blood when special diseases
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take places, such as rheumatoid arthritis, cystic fibrosis, multiple sclerosis, and HIV infections. S100A8/A9 protein is a potential serum marker for diagnosis of pancreatic ductal adenocarcinoma (PDAC), intraductal papillary mucinous neoplasm (IPMN) or chronic pancreatitis (CP).

Keywords

S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B
