

Product Details

Summary

Product name	Recombinant Human S100B protein,N- His Tag
description	A DNA sequence encoding the human S100B (Met1~Glu92) was fused with the N-terminal His Tag
Expression system	E.coli
Species	Homo sapiens (Human)
Accession #	P04271
Alternative names	S-100 protein beta chain,S-100 protein subunit beta,S100 calcium-binding protein B
Actual Molecular Mass	11.78kDa
Purity	>90% by SDS-PAGE
Endotoxin level	Please contact with the lab for this information.
Formulation	Supplied as solution form in PBS, pH7.5/ Supplied as lyophilized from PBS, pH7.5
Shipping	In general, proteins are shipped out with blue ice unless customers require otherwise.
Stability &Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Reconstitution	Please refer to the instruction in the hard copy of COA.
Application	Calibrator or standard in ELISA, WB, IHC and other possible application

Background

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 take places, such as rheumatoid arthritis, cystic fibrosis, multiple sclerlosis, 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).

Note

For research use only.