Recombinant Human S100A8 & S100A9 Heterodimer Protein, His & Flag tagged

Cat. No. S100A8 & S100A9-2217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A8 (NP_002955.2) (Met1-Glu93), fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1; Human S100A9 (NP_002956.1) (Met1-Pro114), fused with a flag tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the S100A8 & S100A9 heterodimer was purified.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Glu93&Met1-Pro114
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant human S100A8 & S100A9 heterodimer comprises 103 amino acids (S100A8) and 122 amino acids (S100A9). It has a calculated molecular mass of 12.2 kDa (S100A8) and 14.2 kDa (S100A9).
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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