S100A15A Protein, Mouse

Cat. No.:	HY-P71272
Synonyms:	S100 calcium-binding protein A15A; Protein S100-A15A; Protein S100-A7A; S100 calcium-binding protein A7A; S100a15a
Species:	Mouse
Source:	E. coli
Accession:	Q6S5I3 (M1-Y108)
Gene ID:	381493
Molecular Weight:	Approximately 12.0 kDa

PROPERTIES

AA Sequence	M P D T P V E D S L F Q I I H C F H H Y A A R E G D K E T L S L E E L K A L L L D S V P R F M D T L G R R Q P Y Y I T E L F R A A D K N K D N Q I C F D E F L Y I L G K L V K D Y H L Q F H R Q L C A H Y C T E H S L Y
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 30% Glycerol, 1mM DTT, pH 8.0.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	ROR1 Protein belongs to the protein kinase superfamily, specifically the Tyr protein kinase family within the ROR subfamily. As a member of this superfamily, ROR1 is characterized by its potential involvement in phosphorylation events, particularly on tyrosine residues. The designation within the ROR subfamily emphasizes its association with the Receptor Tyrosine Kinase-Like Orphan Receptor (ROR) family. This suggests that ROR1 may play a role in cellular signaling pathways, possibly influencing processes related to cell growth, differentiation, or other signaling cascades. The inclusion in the broader protein kinase superfamily underscores the diversity and importance of kinase activities in cellular regulation, highlighting ROR1's potential functional significance in various cellular processes.

Caution: Product has not been fully validated for medical applications. For research use only.

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