
Product Data Sheet

Product Name: MSI2 Human
 Cat. No.: GP23963
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MSI2H; RNA-binding protein Musashi homolog 2; Musashi-2; MSI2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEANGSQ GTSGSANDSQ HDPGKMFIGG LSWQTSPDSL RDYFSKFGEI RECMVMRDPT TKRSRGGFV TFADPASVVK VLGQPHHELD SKTIDPKVAF PRRAQPKMVT RTKKIFVGGL SANTVVEDVK QYFEQFGKVE DAMLMFDKTT NRHRGFGFVT FENEDVVEKV CEIHFHEINN KMVECKKAQP KEVMFPPGTR GRARGLPYTM DAFMLGMGML GYPNFVATYG RGYPGFAPSY GYQFPGFPAA AYGPVAAA AV AAARGSGSNP ARPGGFPGAN SPGPVADLYG PASQDSGVGN YISAASPQPG SGFGHGIAGP LIATAFTNGY H.		
Formulation	The MSI2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Musashi RNA-Binding Protein 2 (MSI2), is RNA binding protein which owns 2 conserved tandem RNA recognition motifs. MSI2 takes part in proliferation and maintenance of stem cells in the central nervous system. Comparable proteins in other species function as RNA-binding proteins and take part in posttranscriptional gene regulation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

MSI2 Human Recombinant produced in E. coli is a single polypeptide chain containing 351 amino acids (1-328) and having a molecular mass of 37.6kDa. MSI2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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