

Musashi RNA-Binding Protein 2 Human Recombinant

Item Number	rAP-3977
Synonyms	MSI2H, RNA-binding protein Musashi homolog 2, Musashi-2, MSI2.
Description	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.
Uniprot Accesion Number	Q96DH6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEANGSQ GTSGSANDSQ HDPGKMFIGG LSWQTSPDSL RDYF-SKFGEI RECMVMDPT TKRSRGFGFV TFADPASVDK VLGQPHHELD SKTIDPKVAF PRRAQPKMVTRTKKIVVGGL SANTVVEDVK QYFEQFGKVE DAMLMFDKTT NRHRGFGFVT FENEDVVEKV CEIHF-HEINN KMVECKKAQP KEVMFPPGTR GRARGLPYTM DAFMLGMGML GYPNFVATYG RGYPGFAPSYYQFPGFPAA AYGPVAAAAB AAARGSGSNP ARPGGFPGAN SPGPVADLYG PASQDSGVGN YI-SAASPQPG SGFGHGIAGP LIATAFTNGY H.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MSI2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**