

Recombinant Human MORC3 Protein, His-SUMO-tagged

Cat. No. MORC3-1284H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MORC3 Protein (1-290aa) was expressed in E. coli with N-terminal His-SUMO tag.
Species	Human
Source	E.coli
ProteinLength	1-290 a.a.
Description	This gene encodes a protein that localizes to the nuclear matrix and forms nuclear bodies via an ATP-dependent mechanism. The protein is predicted to have coiled-coil and zinc finger domains and has RNA binding activity. Alternative splicing produces multiple transcript variants encoding distinct isoforms.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	48.7 kDa
AA Sequence	MAAQPPRGIRLSALCPKFLHTNSTHTWPFSAVAELIDNAYDPDVNAKQIWIDKTVIN DHICLTFTDNGNGMTSDKLHKMLSFGFSDKVTMNGHVVPVGLYNGFGKSGSMRLGK DAIVFTKNGESMSVGLLSQTYLEVIKAEHVVPVAFNKHQRQMINLAESKASLAAILEH SLFSTEQKLLAELDAIIGKKGTRIIWNLRSYKNATEFDKDYDIRIPEDLDEITGKKG YKKQERMDQIAPESDYSRLRAYCSILYLKPRMQIILRGQKVKTQLVSKSLAYIERDVY
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name MORC3 MORC family CW-type zinc finger 3 [Homo sapiens (human)]

Official Symbol MORC3

Synonyms NXP2; ZCW5; ZCWCC3; nuclear matrix protein 2; nuclear matrix protein NXP2; zinc finger CW-type coiled-coil domain protein 3; zinc finger, CW type with coiled-coil domain 3

Gene ID 23515

mRNA Refseq NM_015358.2

Protein Refseq NP_056173.1

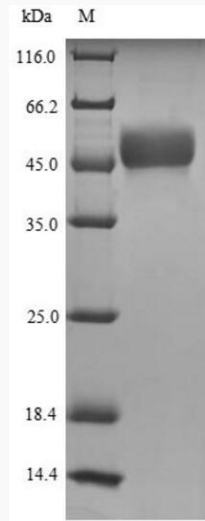
MIM 610078

UniProt ID Q14149

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