

Recombinant Human MALAT1 Protein, His-tagged

Cat. No. MALAT1-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MALAT1 (Gln2-Ile57) protein with 6x histidine and thioredoxin at N-terminal, was expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	2-57 a.a.
Description	This gene produces a precursor transcript from which a long non-coding RNA is derived by RNase P cleavage of a tRNA-like small ncRNA (known as mascRNA) from its 3' end. The resultant mature transcript lacks a canonical poly(A) tail but is instead stabilized by a 3' triple helical structure. This transcript is retained in the nucleus where it is thought to form molecular scaffolds for ribonucleoprotein complexes. It may act as a transcriptional regulator for numerous genes, including some genes involved in cancer metastasis and cell migration, and it is involved in cell cycle regulation. Its upregulation in multiple cancerous tissues has been associated with the proliferation and metastasis of tumor cells.
Molecular Mass	27 kDa
Endotoxin	Not determined
Purity	> 90% determined by SDS-PAGE under reducing conditions and visualized by Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	ELISA, EIA, protein-protein interaction studies, WB, Dot Blotting, IP, PA
Notes	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Upon arrival, the protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store at -20 centigrade or -80 centigrade in appropriate aliquots. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as a 0.45 µl filtered solution in 50 mM NaH ₂ PO ₄ (pH 7.4), 0.3 M NaCl, 80 mM imidazole, 6 M urea.
Preservative	None
GENE INFORMATION	
Gene Name	MALAT1 metastasis associated lung adenocarcinoma transcript 1 (non-protein coding) [Homo sapiens (human)]
Official Symbol	MALAT1
Synonyms	MALAT1; metastasis associated lung adenocarcinoma transcript 1 (non-protein coding); Metastasis-associated lung adenocarcinoma transcript; HCN; NEAT2; PRO2853; LINC00047; NCRNA00047; hepcarcin; long intergenic non-protein coding RNA 47; nuclear enriched abundant transcript 2; nuclear paraspeckle assembly transcript 2 (non-protein coding)
Gene ID	378938
MIM	607924

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE Image

