

Recombinant Human MRPL12, His-tagged

Cat. No. MRPL12-144H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 39S Ribosomal Protein L12 Mitochondrial/MRPL12 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Glu46-Glu198) of Human MRPL12 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	46-198 a.a.
AA Sequence	EALAGAPLDNAPKEYPPKIQQLVQDIASLTLEISDLNELLKKTLLKIQDVGLVPMGGVM SGAVPA AAAQEAVEEDIPIAKERTHFTVRLTEAKPVDKVKLIKEIKNYIQGINLVQAKK LVESLPQEIKAN VAKAEAEKIKAALEAVGGTVVLEVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

Gene Name	MRPL12 mitochondrial ribosomal protein L12 [Homo sapiens]
Official Symbol	MRPL12

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Synonyms	MRPL12; mitochondrial ribosomal protein L12; RPML12; 39S ribosomal protein L12, mitochondrial; MRPL7; MRPL7/L12; MRP-L12; 5c5-2; L12mt; MRP-L31/34; MGC8610; FLJ60124;
Gene ID	6182
mRNA Refseq	NM_002949
Protein Refseq	NP_002940
MIM	602375
UniProt ID	P52815
Chromosome Location	17q25
Function	RNA binding; protein binding; structural constituent of ribosome;