

IARS2 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20876b**Specification**

IARS2 Blocking Peptide (N-term) - Product InformationPrimary Accession [Q9NSE4](#)**IARS2 Blocking Peptide (N-term) - Additional Information****Gene ID** 55699**Other Names**

Isoleucine--tRNA ligase, mitochondrial, Isoleucyl-tRNA synthetase, IleRS, IARS2

Target/Specificity

The synthetic peptide sequence is selected from aa 51-62 of HUMAN IARS2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IARS2 Blocking Peptide (N-term) - Protein Information**Name** IARS2 ([HGNC:29685](#))**Function**

Aminoacyl-tRNA synthetase that catalyzes the specific attachment of isoleucine to its cognate tRNA (tRNA(Ile)).

Cellular Location

Mitochondrion matrix.

IARS2 Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IARS2 Blocking Peptide (N-term) - Images

IARS2 Blocking Peptide (N-term) - References

Shan Y.X.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Shiba K.,et al.Submitted (FEB-1994) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).