

Recombinant Isoleucyl tRNA Synthetase (IARS)

Catalog No.: TP09364

100µg

Sequence Information

Species: Human

Gene ID:3376

Swiss Prot:P41252

Synonyms:IARS1; ILRS; OJ; IleRS; IRS;

Isoleucine tRNA Ligase 1, Cytoplasmic

Residues:Met1~Arg500

MLQQVPENINFPAEEEEKILEFWTEFNCFQECLKQSKHKPKFTFYDGPPFATGLP
HYGHILAGTIKDIVTRYAHQSGFHVDRRFWDCHGLPVEYEIDKTLGIRGPEDV
AKMGITEYNNQCRAIVMRYSAEWKSTVSRLGRWIDFDNDYKTLYPQFMESVWWV
FKQLYDKGLVYRGVVKMPFSTACNTPLSNFESHQNYKDVQDPSVVFVTFPLEEDE
TVSLVAWTTTPWTLPSNLAVCVNPEMQYVKIKDVARGRLILMEARLSALYKLE
SDYEILERFPGAYLKGGKYRPLFDYFLKCKENGAFTVLVDNYVKEEEGTGVVHQ
APYFGAEDYRVCMDFNIIIRKDSLPCVPVDASGCFTTEVTDFAGQYVKDADKSII
RTLKEQGRLLVATTFTHSYPCWRSDTPLIYKAVPSWFVRVENMVDQLLRNNDL
CYWPELVREKRFGNWLKDARDWTISRNRWGTPIPLWSDDFEEVVCIGSVAE
LEELSGAKISDLHR

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Cytoplasm.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.6

Predicted Molecular Mass: 61.7kDa

Accurate Molecular Mass: 62kDa as determined by SDS-PAGE reducing conditions.

