

Recombinant Human EPRS1 Protein (Asp749-Thr956), N-His tagged

Cat. No. EPRS1-3276H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human EPRS1 (Asp749-Thr956) protein fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp749-Thr956
Description	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. The protein encoded by this gene is a multifunctional aminoacyl-tRNA synthetase that catalyzes the aminoacylation of glutamic acid and proline tRNA species. Alternative splicing has been observed for this gene, but the full-length nature and biological validity of the variant have not been determined.
Molecular Mass	24.96 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	EPRS1 glutamyl-prolyl-tRNA synthetase 1 [Homo sapiens (human)]
Official Symbol	EPRS1
Synonyms	EPRS1; glutamyl-prolyl-tRNA synthetase 1; ARS; EPRS; PARS; QARS; QPRS; HLD15; PIG32; GLUPRORS; bifunctional glutamate/proline--tRNA ligase; bifunctional aminoacyl-tRNA synthetase; cell proliferation-inducing gene 32 protein; glutamate tRNA ligase; glutamatyl-prolyl-tRNA synthetase; glutaminyl-tRNA synthetase; proliferation-inducing gene 32 protein; proliferation-inducing protein 32; proline-tRNA ligase; prolyl-tRNA synthetase; EC 6.1.1.15; EC 6.1.1.17
Gene ID	2058
mRNA Refseq	NM_004446
Protein Refseq	NP_004437
MIM	138295
UniProt ID	P07814

SDS-PAGE

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