

KARS Protein, Human (HEK293, His)

Cat. No.:	HY-P70840
Synonyms:	Lysine--tRNA Ligase; Lysyl-tRNA Synthetase; LysRS; KARS; KIAA0070
Species:	Human
Source:	HEK293
Accession:	Q15046 (A2-V597)
Gene ID:	3735
Molecular Weight:	70-90 kDa

PROPERTIES

AA Sequence

AAVQAAEVKV	DGSEPKLSKN	ELKRRLKAEK	KVAEKEAKQK
ELSEKQLSQA	TAAATNHTTD	NGVGPEEESV	DPNQYYKIRS
QAIHQLKVNG	EDPYPHKFHV	DISLTDFIQK	YSHLQPGDHL
TDITLKVAGR	IHAKRASGGK	LIFYDLRGEK	VKLQVMANSR
NYKSEEEFIH	INNKLRRGDI	IGVQGNPGKT	KKGELSIIPY
EITLLSPCLH	MLPHLHFGLK	DKETRYRQRY	LDLILNDFVR
QKFIIRSKII	TYIRSFLEDEL	GFLEIETPMM	NIIPGGAVAK
PFITYHNELD	MNLYMRIAPE	LYHKMLVVGK	IDRVYEIGRQ
FRNEGIDLTH	NPEFTTCEFY	MAYADYHDLK	EITEKMVSGM
VKHITGSYKV	TYHPDGPEGQ	AYDVDFTPPF	RRINMVEELE
KALGMKLPET	NLFETEETRK	ILDDICVAKA	VECPPPRTTA
RLLDKLVGEF	LEVTCINPTF	ICDHPQIMSP	LAKWHRSKEG
LTERFELFVM	KKEICNAYTE	LNDPMRQRQL	FEEQAKAKAA
GDDEAMFIDE	NFCTALEYGL	PPTAGWGMGI	DRVAMFLTDS
NNIKEVLLFP	AMKPEDKKEN	VATTDLTLEST	TVGTSV

Appearance Solution

Formulation Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, 20% Glycerol, pH 8.0.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution N/A

Storage & Stability Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

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