

Gene Name Synonym

N6-L-threonylcarbamoyladenine synthase; t(6)A synthase; O-sialoglycoprotein endopeptidase; hOSGEP; t(6)A37 threonylcarbamoyladenine biosynthesis protein OSGEP; tRNA threonylcarbamoyladenine biosynthesis protein OSGEP

Protein Construction

DNA encoding 1-335 aa (Q9NPF4) were fused with 6His tag.

Organism

Human

Expression Host

E. coli

Activity

Not tested.

Purity

>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Endotoxin

Please contact the lab for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Molecular Mass

Predictes a molecular mass of 38.08 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 38 kDa band.

Formulation

Lyophilized from sterile PBS, pH 7.4

Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.