

32-7194: Recombinant Human Cyclophilin E/PPIase E/PPIE (N-6His)

Gene : PPIE
Gene ID : 10450
Uniprot ID : Q9UNP9

Description

Source: E.coli.
MW :35.6kD.

Recombinant Human Cyclophilin E is produced by our E.coli expression system and the target gene encoding Met1-Val301 is expressed with a 6His tag at the N-terminus. Peptidyl-prolyl cis-trans isomerase E, also known as Cyclophilin E, Cyclophilin-33, Rotamase E, CYP33, PPIE, is an enzyme which belongs to the cyclophilin-type PPIase family of PPIase E subfamily. PPIE found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. PPIE contains one PPIase cyclophilin-type domain and one RRM (RNA recognition motif) domain. PPIE accelerates the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIE combines RNA-binding and PPIase activities. It may be involved in muscle- and brain-specific processes and pre-mRNA splicing.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMATTKRVLVYVGLAAEVDDKVLHAAFIPFGDITDIQIPLDYETEKHRGFAFVEF
ELAEDAAAAIDNMNESELFGRITRVNLAKPMRIKEGSSRPVWSDDDWLKFKSGKLEENKEEEGSEPPKAETQE
GEPIAKKARSNPQVYMDIKIGNKPAGRIQMLLRSDVVPMTAENFRCLCTHEKGFKGSSFHRIIPQFMCQGGD
FTNHNGTGGKSIYGKKFDDENFILKHTGPGLLSMANS GPNTNGSQFFLTCDKTDWLDGKHVVVFGEVTEGLDVL
RQIEAQGSKDGKPKQKVIADCGEYV

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.