

Recombinant Human Elongation factor 1-delta(EEF1D)

Catalog No: #AP70253

Package Size: #AP70253-1 20ug #AP70253-2 100ug #AP70253-3 1mg

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Description

Product Name	Recombinant Human Elongation factor 1-delta(EEF1D)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-281aaSequence Info:Full Length
Other Names	Antigen NY-CO-4
Accession No.	P29692
Calculated MW	35 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ATNFLAHEKIWFDFKFKYDDAERRFYEQMNGPVAGASRQENGASVILRDIARARENIQKSLAGSSGPGASSGTS GDHGELVVRIASLEVENQSLRGVVQELQQAISKLEARLNVLEKSSPGHRATAPQTQHVSPMRQVEPPAKKPA TPAEDDEDDDDIDLFGSDNEEDKEAAQLREERLRQYAEKKAKKPALVAKSSILLDVKPWDDDETMAQLEACVR SIQLDGLVWGASKLVPVGYGIRKLQICVVEDDKVGTDLLEEEITKFEHVQSVDAIAFNKI
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Isoform 1: EF-1-beta and EF-1-delta stimulate the exchange of GDP bound to EF-1-alpha to GTP, regenerating EF-1-alpha for another round of transfer of aminoacyl-tRNAs to the ribosome.Isoform 2: Regulates induction of heat-shock-responsive genes through association with heat shock transcription factors and direct DNA-binding at heat shock promoter elents (HSE).

References

The human leucine zipper-containing guanine-nucleotide exchange protein elongation factor-1 delta.Sanders J.P., Raggiaschi R., Morales J., Moeller W.Biochim. Biophys. Acta 1174:87-90(1993)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.