Recombinant Human ELK1 Protein (His & GST Tag)

Catalog Number:PKSH030803

Note: Centrifuge before opening to ensure complete recovery of vial contents.

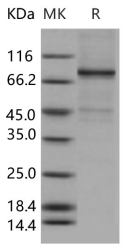
Description

Synonyms	RP23-275N2.2;Elk-1
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Met 1-Pro 428
Accession	P19419-1
Calculated Molecular Weight	73.0 kDa
Observed molecular weight	73 kDa
Tag	N-His-GST

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

Background

E twenty-six (ETS)-like transcription factor 1, also known as Elk1 or Member of ETS oncogene family (ELK1), is a member of the ETS oncogene superfamily which is characterized by a common protein domain that regulates DNA binding to target sequences. Elk1 is expressed in the nuclei of non-neuronal cells and function as a transcription activator. It plays important roles in various contexts, including long-term memory formation, drug addiction, Alzheimer's disease, Down syndrome, breast cancer, and depression.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com