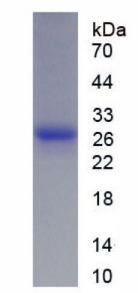
Human Energy Homeostasis Associated (ENHO) Protein

Catalogue No.:abx652266



SDS-PAGE analysis of recombinant Human ENHO Protein.

Human Energy Homeostasis Associated/Adropin (ENHO/AD) Protein is a Recombinant Human protein expressed in E. coli.

Target:	Energy Homeostasis Associated (ENHO)
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 90%
Reconstitution:	Reconstitute in ddH_2O to a concentration of 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q6UWT2 (UniProt, ExPASy)
Gene Symbol:	ENHO
KEGG:	hsa:375704
String:	9606.ENSP00000382675

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Molecular Weight: Calculated MW: 18.2 kDa
Observed MW (SDS-PAGE): 27 kDa
Possible reasons why the actual band size differs from the predicted band size:
1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
2. Relative charge. The composition of amino acids may affect the charge of the protein.
3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size.
4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.

Sequence Fragment: Cys34-Pro76

Sequence: CHSRSAD VDSLSESSPN SSPGPCPEKA PPPQKPSHEG SYLLQP

Tag: N-terminal His tag and SUMO tag

Buffer: Prior to lyophilization: 100 mM $NaHCO_3$, 500 mM NaCl, pH 8.3, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 1000 μg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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