Recombinant human ZNF514 protein

Catalog Number: ATGP2379

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-400aa

UniProt No.
Q96K75

NCBI Accession No.
NP_116177

Alternative Names
Zinc finger protein 514, FLJ14457, MGC126229

PRODUCT SPECIFICATION

Molecular Weight
48.3 kDa (423aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE,Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
Zinc finger protein 514, also known as ZNF514, belongs to the krueppel C2H2-type zinc-finger protein family. This protein contains 7 C2H2-type zinc fingers and contains 1 KRAB domain. ZNF514 may be involved in transcriptional regulation. Recombinant human ZNF514 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence
MGSSHHHHHH SSGLVPRGSH MGSMTFEDVA VEFSQWEWGQ LNPAQKDLYR EVMLENFRNL AILGLLVSKP YVICQLEEGG

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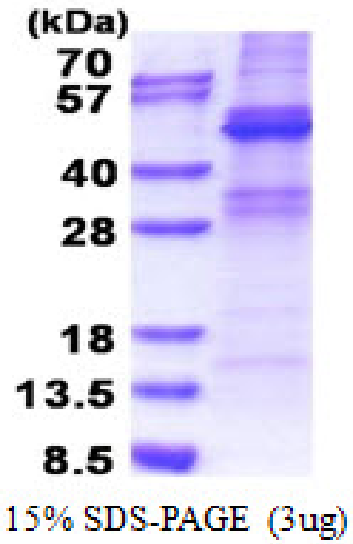
EPFMVEREIS TGAHSDWKRR SKSKESMPSW GISKEELFQV VSVEKHIQDV LQFSKLKAAC GCDGQLEMQQ IKQERHLKQM STIHKSATTL SRDYKWNGFG RSLGLRSVLV NQHSILMGEG SYKCDTEFRQ TLGGNNSQRT HPEKKSCKCN ECGKSFHFQS ELRRHQRCHT GEKPYECSDC GRAFGHISSL IKHQRTHTGE KPYECSECGR AFSQSSSLVL HYRFHTGEKP YKCNECGRAF GHTSSLIKHQ RTHTGEKPYE CRECGRTFSQ SSSLIVHYRF HTGEKPYKCN KCGRAFSQSS SLTQHYRFHT GEKPYKCNEC GRAFAHTASL IKHQRSHAGK KTL

General References

Hillier L.W., et al. (2005) Nature. 434:724-731
Bechtel S., et al. (2007) BMC Genomics. 8:399-399

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.