

Recombinant Human TRAK2 Protein, His-tagged

Cat. No. TRAK2-482H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRAK2 Protein (Met1-Arg320) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg320
Description	Predicted to enable GABA receptor binding activity and myosin binding activity. Predicted to be involved in several processes, including mitochondrion distribution; organelle transport along microtubule; and protein targeting. Predicted to be located in cytoplasm and plasma membrane. Predicted to be active in cytoplasmic vesicle; dendrite; and mitochondrion.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.7 kDa Accurate Molecular Mass: 41 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

TRAK2 trafficking protein, kinesin binding 2 [Homo sapiens (human)]

Official Symbol

TRAK2

Synonyms

TRAK2; trafficking protein, kinesin binding 2; ALS2CR3, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3; trafficking kinesin-binding protein 2; CALS C; gamma aminobutyric acid(A) receptor interacting factor; GRIF 1; KIAA0549; MILT2; milton homolog 2 (Drosophila); O linked N acetylglucosamine transferase interacting protein 98; OIP98; milton homolog 2; gamma-aminobutyric acid(A) receptor-interacting factor; O-linked N-acetylglucosamine transferase interacting protein 98; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 3 protein; GRIF1; CALS-C; GRIF-1; ALS2CR3

Gene ID

66008

mRNA Refseq

NM_015049

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Protein Refseq	NP_055864
MIM	607334
UniProt ID	O60296

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