

Recombinant Human forkhead box P2 Protein, His tagged

Cat. No. FOXP2-093H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FOXP2 protein (O15409) (Arg 478-Lys 596) with a His tag at the C-terminus was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	478-596aa
Description	Transcriptional repressor that may play a role in the specification and differentiation of lung epithelium. May also play a role in developing neural, gastrointestinal and cardiovascular tissues. Can act with CTBP1 to synergistically repress transcription but CTPBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. Involved in neural mechanisms mediating the development of speech and language.
Tag	C-His
Molecular Mass	15.8 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve

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months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution

Reconstitute at 250 µg/mL in sterile water.

GENE INFORMATION

Gene Name

FOXP2 forkhead box P2 [Homo sapiens (human)]

Official Symbol

FOXP2

Synonyms

FOXP2; forkhead box P2; SPCH1, TNRC10; forkhead box protein P2; CAG repeat protein 44; CAGH44; forkhead/winged helix transcription factor; speech and language disorder 1; trinucleotide repeat containing 10; forkhead/winged-helix transcription factor; trinucleotide repeat-containing gene 10 protein; SPCH1; TNRC10; DKFZp686H1726;

Gene ID

93986

mRNA Refseq

NM_001172766

Protein Refseq

NP_001166237

MIM

605317

UniProt ID

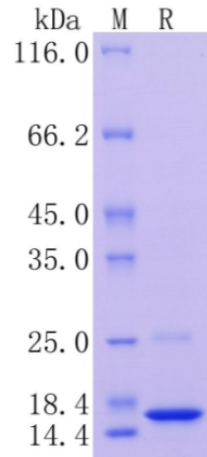
O15409

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**Protein on SDS-
PAGE under
reducing (R)
condition.**



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