



Catalog Number: PR27230

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MKQRRLAANA RERRRMHGLN HAFDQLRNVI PSFNNDKCLS KYETLQMAQI YINALSELLQ
TPSGGEQPPP PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGSQRP TPPGSCRTRF
SAPASAGGYS VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVQEE NSKTSPRSHR
SDGEFSPHSY YSDSDEAS

Description/Molecular Mass: ATOH1 activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is entirely provoked by the negative regulator of neurogenesis HES1. ATOH1 takes part in the differentiation of divisions of neural cells by activating E box-dependent transcription.

ATOH1 Human Recombinant produced in *E. coli* is a single polypeptide chain containing 198 amino acids (158-354) and having a molecular mass of 21.3kDa.

Purity: ATOH1 is purified by proprietary chromatographic techniques
Greater than 85.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The ATOH1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RSKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

03/08v1

www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com