
Product Data Sheet

Product Name: ETS2 Human

Cat. No.: GP23425

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein C-ets-2; ETS2; V-Ets Avian Erythroblastosis Virus E26 Oncogene 2; V-ets erythroblastosis virus E26 oncogene homolog 2; ETS2IT1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MNDFGIKNMD QVAPVANSYR GTLKRQPAFD TFDGSLFAVF PSLNEEQTLQ EVPTGLDSIS HDSANCELPL LTPCSKAVMS QALKATFSGF KKEQRRLGIP KNPWLWSEQQ VCQWLLWATN EFSLVNVNLQ RFGMNGQMLC NLGKERFLEL APDFVGDILW EHLEQMIKEN QEKTEDQYEE NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ NYPKGGLLDS MCPASTPSVL SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLLTNS GTPKDHDSP NGADSFESSD SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS FKDYIQERSD PVEQGKPVIP AAVLAGFTGS GPIQLWQFLL ELLSDKSCQS FISWTGDGWE FKLADPDEVA RRWGKRKNKP KMNYEKLSRG LRYYYDKNII HKTSGKRYVY RFVCDLQNLL GFTPEELHAI LGVQPDTED.		
Formulation	ETS2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

V-Ets Avian Erythroblastosis Virus E26 Oncogene 2 (ETS2) is a transcription factor that regulates genes involved in development and apoptosis. ETS2 is also a protooncogene which takes part in regulation of telomerase. ETS2 protein's pseudogene is located on the X chromosome.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

ETS2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 489 amino acids (1-469 a.a) and having a molecular mass of 55.1kDa. ETS2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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