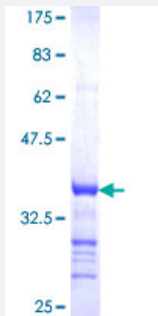


RUNX3 (Human) Recombinant Protein (Q01)

Catalog # H00000864-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RUNX3 partial ORF (NP_004341, 194 a.a. - 279 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FPDRFGDLERLRMRVTPSTSPRGSLSTTSHFSSQPQTPIQGTSELNPFSDPRQFDRSFPTLPTL TESRFPDPRMHYPGAMSAAFP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RUNX3

Entrez GeneID [864](#)

GeneBank Accession# [NM_004350](#)

Protein Accession# [NP_004341](#)

Gene Name RUNX3

Gene Alias AML2, CBFA3, FLJ34510, MGC16070, PEBP2aC

Gene Description runt-related transcription factor 3

Omim ID [600210](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000003370|OTTHUMP00000003371|PEA2 alpha C|PEBP2 alpha C|acute myeloid leukemia gene 2|core-binding factor, runt domain, alpha subunit 3|polyomavirus enhancer-binding protein 2 alpha C subunit|transcription factor AML2

Disease

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- [Colitis](#)

- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
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