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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SHOX2 (Human) Recombinant Protein (P01)

Catalog Number: H00006474-P01

Regulation Status: For research use only (RUO)

Product Description: Human SHOX2 full-length ORF (AAH08829.1, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MEELTAFVSKSFDQKVKEKKEAITYREVLESGPLRGAK
EPTGCTEAGRDDRSSPAVRAAGGGGGGGGGGGGG
GGGGGVGGGGAGGGAGGGRSPVRELDMGAAERSR
EPGSPRLTEGRRKPTKAEVQATLLLPGEAFRFLVSPEL
KDRKEDAKGMEDEGQTKIKQRRSRTNFTLEQLNELER
LFDETHYPDAFMREELSQRLGLSEARVQVWFQNRRA
KCRKQENQLHKGVLIGAASQFEACRVAPYVNVGALRM
PFQQDSHCNVTPLSFQVQAQLQLDSAVAHAHHHLHP
HLAAHAPYMMFPAPPFGLPLATLAADSASAASVVAAA
AAAKTTSKNSSIADLRLKAKKHAAALGL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 64

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 6474

Gene Symbol: SHOX2

Gene Alias: OG12, OG12X, OGI2X, SHOT

Gene Summary: This gene is a member of the homeobox family of genes that encode proteins containing a 60-amino acid residue motif that represents a DNA binding domain. Homeobox genes have been characterized extensively as transcriptional regulators involved in pattern formation in both invertebrate and vertebrate species. Several human genetic disorders are caused by aberrations in human homeobox genes. This locus represents a pseudoautosomal homeobox gene that is thought to be responsible for idiopathic short stature, and it is implicated in the short stature phenotype of Turner syndrome patients. This gene is considered to be a candidate gene for Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]