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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EFNB2 (Human) Recombinant Protein (Q01)

Catalog Number: H00001948-Q01

Regulation Status: For research use only (RUO)

Product Description: Human EFNB2 partial ORF (NP_004084, 28 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

IVLEPIYWSSNSKFLPGQGLVLYPQIGDKLDIICPKVD
SKTVGQYEEYKVMVDKQADRCTIKKENTPLLNCAK
PDQDIKFTIKFQEFSPNLWGLEFQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 1948

Gene Symbol: EFNB2

Gene Alias: EPLG5, HTKL, Htk-L, LERK5, MGC126226, MGC126227, MGC126228

Gene Summary: This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in

mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq]

References:

1. Treatment with ephrin B2 positively impacts the abnormal metabolism of human osteoarthritic chondrocytes. Kwan Tat S, Pelletier JP, Amiable N, Boileau C, Lavigne M, Martel-Pelletier J. *Arthritis Res Ther.* 2009;11(4):R119. Epub 2009 Aug 7.