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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GJB2 (Human) Recombinant Protein (P02)

Catalog Number: H00002706-P02

Regulation Status: For research use only (RUO)

Product Description: Human GJB2 full-length ORF (NP_003995.2, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDWGTLQTLGGVNVKHSTSIGKIWLTVLFIFRIMILVVAA
KEVWGDEQADFVCNTLQPGCKNVCYDHYFPISHIRLW
ALQLIFVSTPALLVAMHVAYRRHEKRRKFIKGEIKSEFK
DIEEIKTKVRIEGLWWTYSSIFFRVIFEAAFMYVFY
VMYDGFMSQRLVKCNAWPCPNTVDCFVSRPTEKTVF
TVFMIAVSGICILLNVTCLYLLIRYCSGKSKKPV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.6

Interspecies Antigen Sequence: Mouse (93); Rat (94)

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: 2706

Gene Symbol: GJB2

Gene Alias: CX26, DFNA3, DFNB1, HID, KID, NSRD1, PPK

Gene Summary: This gene encodes a member of the gap junction protein family. The gap junctions were first characterized by electron microscopy as regionally specialized structures on plasma membranes of contacting adherent cells. These structures were shown to consist of cell-to-cell channels that facilitate the transfer of ions and small molecules between cells. The gap junction proteins, also known as connexins, purified from fractions of enriched gap junctions from different tissues differ. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene are responsible for as much as 50% of pre-lingual, recessive deafness. [provided by RefSeq]