

Product datasheet for **TP304406M**

GJB4 (NM_153212) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human gap junction protein, beta 4, 30.3kDa (GJB4), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone
or AA Sequence: >RC204406 protein sequence
Red=Cloning site **Green**=Tags(s)

MNWAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYWAAEEVWDDEQKDFVCNTKQPGCPNVCYDEFFP
VSHVRLWALQLILVTCPSLLVVMHVAYREERERKHHLKHGPNAPSLYDNLKSKRGGGLWWTYLLSLIFKAA
VDAGFLYIFHRLYKDYDMPRVVACSVVEPCPTVDCYISRPTTEKKVFTYFMVTTAAICILLNLSEVFLVG
KRCMEIFGPRHRRRCRECLPDTCPYPVLSQGGHPEDGNSVLMKAGSAPVDAGGYP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_694944](#)

Locus ID: 127534

UniProt ID: [Q9NTQ9](#)



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RefSeq Size: 2840

Cytogenetics: 1p34.3

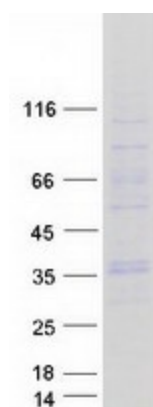
RefSeq ORF: 798

Synonyms: CX30.3; EKV; EKVP2

Summary: This gene encodes a transmembrane connexin protein that is a component of gap junctions. Mutations in this gene have been associated with erythrokeratoderma variabilis, progressive symmetric erythrokeratoderma and hearing impairment. [provided by RefSeq, Dec 2009]

Protein Families: Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified GJB4 protein (Cat# [TP304406]). The protein was produced from HEK293T cells transfected with GJB4 cDNA clone (Cat# [RC204406]) using MegaTran 2.0 (Cat# [TT210002]).