

Product datasheet for **TP304405M**

GJB3 (NM_001005752) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human gap junction protein, beta 3, 31kDa (GJB3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204405 protein sequence Red =Cloning site Green =Tags(s)

MDWKTLLQALLSGVNVKYSTAFGRWLWVVFVFRVLVYVVAERVWGDEQKDFDCNTKQPGCTNVCYDNYFP
ISNIRLWALQLIFVTCPSLLVILHVAYREERERRHRQKHGDQCAKLYDNAGKKHGGLLWWTYLFSLIFKLI
IEFLFLYLLHTLWHGFNMPRLVQCANVAPCPNIVDCYIARPTKIFTYFMVGASAVCIVLTICELCYLI
CHRVLRGLHKDKPRGGCSPSSASRASTCRCHHKLVEAGEVDPDPGNNKLQASAPNLTPI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	30.6 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:	<u>NP_001005752</u>
Locus ID:	2707



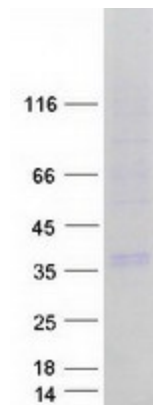
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UniProt ID: [Q75712](#)
RefSeq Size: 1777
Cytogenetics: 1p34.3
RefSeq ORF: 810
Synonyms: CX31; DFNA2; DFNA2B; EKV; EKVP1

Summary: This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. Mutations in this gene can cause non-syndromic deafness or erythrokeratoderma variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Ion Channels: Other, Transmembrane

Product images:



Coomassie blue staining of purified GJB3 protein (Cat# [TP304405]). The protein was produced from HEK293T cells transfected with GJB3 cDNA clone (Cat# [RC204405]) using MegaTran 2.0 (Cat# [TT210002]).