

Product datasheet for TP503534

Gjb4 (NM_008127) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse gap junction protein, beta 4 (Gjb4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203534 protein sequence
Red=Cloning site Green=Tags(s)

MNWGFLQGILSGV NKYSTALGRIWLSVVFIFRVLVYVVAEEVWDDDQKDFICNTKQPGCPNVCYDEFFP
VSHVRLWALQLILVTCPSLLVMHVAYREERERKHLKHGPNAPALYSNLSKCRGGLWWTYLLSLIFKAA
VDSGLYIFHCIYKDYDMPRVACSVTPCPTVDCYIARPTKVKVFTYFMVVTAAICILLNLSEVVYLVG
KRCMEVFRPRRRKASRRHQLPDTCPYVISKGGHPQDESVILTKAGMATVDAGVYP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 30.4 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

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 after receiving vials.

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_032153](#)

Locus ID: 14621

UniProt ID: [Q02738](#), [Q8C677](#)

RefSeq Size: 1445



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Cytogenetics: 4 61.51 cM

RefSeq ORF: 801

Synonyms: Cnx30.3; Cx30.3; Gjb-4

Summary: Structural component of gap junctions (PubMed:15692151). Gap junctions are dodecameric channels that connect the cytoplasm of adjoining cells. They are formed by the docking of two hexameric hemichannels, one from each cell membrane (By similarity). Small molecules and ions diffuse from one cell to a neighboring cell via the central pore (PubMed:15692151). [UniProtKB/Swiss-Prot Function]