

Recombinant Human TMEM237 protein, His-tagged

Cat. No. TMEM237-8544H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMEM237 protein(1-264 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-264 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MGKNPVRPPRAIPPVPSQDDIPLSRPKKKKPRTKNTPASASLEGLAQTAGRRPSEG
 NEPSTKELKEHPEAPVQRRQKKTRLPLELETSSTQKKSSSSSLLRNENGIDAEQAE
 AVIQKPRRKTKKTQPAELQYANELGVEDEDIITDEQTTVEQQSVFTAPTGISQPVGKV
 FVEKSRRFQAADRSELIKTTENIDVSMDEVKPSWTTIDVALTVHRAFRMIGLFSHGFLA
 GCAVWNIVVIYVLAGDQLSNLSNILQQYKTLAYPF

GENE INFORMATION

Gene Name [TMEM237 transmembrane protein 237 \[Homo sapiens \]](#)

Official Symbol [TMEM237](#)

Synonyms [TMEM237](#); transmembrane protein 237; [ALS2CR4](#), amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4; [JBTS14](#); amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 4; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 4 protein; [ALS2CR4](#); [FLJ33282](#); [DKFZp313L091](#);

Gene ID [65062](#)

mRNA Refseq [NM_001044385](#)

Protein Refseq [NP_001037850](#)

MIM [614423](#)

UniProt ID [Q96Q45](#)

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SDS-PAGE



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