

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
 NEPSTKELKEHPEAPVQRRQKKTRLPLELETSSSTQKKSSSSSLLRNENGIDAEQAE
 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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