

Recombinant Human Aquaporin-5(AQP5)

Catalog No: #AP72441

Package Size: #AP72441-1 10ug #AP72441-2 50ug #AP72441-3 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Aquaporin-5(AQP5)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-265aaSequence Info:Full Length
Accession No.	P55064
Uniprot	P55064
GeneID	362;
Calculated MW	30.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKKEVCSVAFLKAVFAEFLATLIFVFFGLGSALKWPSALPTILQIALAFGLAIGTLAQAALGPVSGGHINPAITLALL VGNQISLLRAFFYVAAQLVGAIAGAGILYGVAPLNARGNLAVNALNNNTTQGQAMVVELILTFQLALCIFASTDS RRTSPVGSPALSIGLSVTLGHLVGIYFTGCSMNPARSFGPAVVMNRFSPAHHVFWVGPIVGAVLAAILYFYLLF PNSLSLSERVAIIKGTYPDEDWEEQREERKKTMELTTR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Forms a water-specific channel. Implicated in the generation of saliva, tears, and pulmonary secretions.

References

The human aquaporin-5 gene. Molecular characterization and chromosomal localization.Lee M.D., Bhakta K.Y., Raina S., Yonescu R., Griffin C.A., Copeland N.G., Gilbert D.J., Jenkins N.A., Preston G.M., Agre P.J. Biol. Chem. 271:8599-8604(1996)

Research Topic:Transport

Note: This product is for in vitro research use only